

ESCI 5470/7470
Reflection on Science Teaching
Spring 2003

Instructor: Deborah J. Tippins, Ph.D.
Office: 212 Aderhold Hall
E-mail: dtippins@coe.uga.edu
Office Phone: (706) 542-1763
Home Phone: (706) 549-9102
Office Hours: By Appointment
Class Schedule: Monday 4:40-7:40 p.m. and other times
as arranged
Room 215 Aderhold Hall

"An empowered teacher is a reflective decision maker who finds joy in learning and in investigating the teaching/learning process - one who views learning as construction and teaching as a facilitating process to enhance and enrich development."
(Fosnot, 1989, p. xi)

"Critical reflection emphasizes that reflection is bound within a system of meaning making which is socially mediated. When reflective inquiry becomes critical, it challenges accepted traditions and conventions that have been dominant in science teacher education. In this sense, it emphasizes the connection between school practice and social contexts within which schooling takes place, the relationship between hidden and overt curriculum, pedagogical approaches and forms of evaluation, and the development of historical consciousness which considers the varied values, interests, and perspectives schools have served. At the heart of

critical reflection is the consideration of alternative ideas and practices which take into account the dynamics of power embedded within school and classrooms." (Nichols, Tippins & Wieseman, 1997, p. 77)

Overview/Purpose of the Course

Welcome to the course Reflection on Science Teaching!
This course is intended to provide you with opportunities and "tools" to engage in reflective practice that will assist you in constructing a vision of what secondary science teaching can be like. During your student teaching semester you will be involved in independent and group activities which will challenge you to purposefully and critically examine your beliefs about teaching science. We will view teaching not as a predetermined set of rules or "bags of trick" to apply to any given classroom situation, but as a practice grounded in a system of values, theories and beliefs (Schon, 1983).

Reflective practice involves thinking and acting on those aspects of teaching that frustrate, confuse, and perplex. As a reflective teacher, you will engage in a process of learning from your experiences - constructing and reconstructing teaching practices as you advance from intellectualizing an issue to taking action to improve and refine your teaching.

Course Goals

i Prospective teachers will utilize inquiry as a vehicle for professional reflection and development.

i Prospective teachers will develop a repertoire of "tools" to assist them in becoming reflective practitioners.

i Prospective teachers will identify and describe specific experiences in their student teaching and frame these critically as issues of classroom practice.

i Prospective teachers will learn to formulate questions or challenges about science teaching.

i Prospective teachers will experiment with solutions to problems of practice and examine the consequence and implications of various solutions (Ross, 1989).

i Prospective teachers will articulate what it means to be a professional educator and learn to develop resources to stimulate ongoing professional growth.

Course Materials

1. Selected readings (available in class)
2. Project Wild Books (see Philosophy and Leadership in Science Classroom Practice course requirements).
3. Miscellaneous materials and supplies for the development of course projects.

Attendance/Participation

Class participation is a very important aspect of this course. We will all share a responsibility to make the class sessions relevant and meaningful. In order for that to happen you

will need to attend all class sessions, prepare for class ahead of time and enthusiastically participate in discussion, debate and analysis of beliefs. This can be a challenge after a long day of student teaching! If there is an emergency, notify me by e-mail or let the office know as soon as reasonable. If you are ill, please bring an explanation by a physician to avoid loss of a letter grade. Missing more than one class will result in the loss of a letter grade for each absence. Missing more than two classes may result in a W/F. If there are extenuating circumstances, please be sure to talk with me.

Participation starts with preparation. It is my expectation that each class participant will be fully prepared for each day having read assigned materials or completed other required work.

Effective class participants tend to share the following characteristics:

1. The participant is a good listener.
2. Points made are relevant to the discussion and linked to the comments of others.
3. Comments add to our understanding of the situation or issue.
4. Comments show evidence of forethought and analysis.
5. The participant interacts with other members of the class, not just the instructor.
6. The participant distinguishes among different kinds of data (i.e., facts, opinions, beliefs, etc.).

University of Georgia Academic Honesty Policy

Be fair and honest in representing your work to others. Students at the University of Georgia are responsible for maintaining and adhering to the strictest standards of

honesty and integrity in every aspect of their professional lives. Please refer to the undergraduate and graduate bulletins to become familiar with the Academic Honesty Policy.

Class Meeting Dates

Monday, January 13
Monday, January 20
Thursday, January 23
Monday, February 3
Thursday, February 6
Monday, February 17
Monday, February 24

Monday, February 24

Monday, March 3

Monday, March 10

Mon., March 17

UGA Spring Break

Mon., March 24

Student Teaching Spring Break

Mon., March 31

Project Wild (8 hrs.)

Monday, April 7

Georgia Science Teachers Associate conference Jekyll Island Feb.
13-15

UGA Spring Break

March 17-21 (no class)

Reflections Class Spring Break

March

24 - 28 (no class)

National Science Teacher Association

March 23

- 30

National Association for Research in Science Teaching

March 23

- 30

PROJECT Wild

March 31

Course Assignments/Grading

No exams in this course

Personal Teaching Metaphor

15 %

You will develop a personal teaching metaphor that reflects your current beliefs concerning the role/image of "science teacher." Your metaphor should be typed, double-spaced and approximately 3-4 pages in length. You may want to include a graphic organizer with your metaphor.

Classroom Case

30%

You will develop a written case narrative featuring a dilemma or challenge you encounter during your student teaching field experience. We will discuss several cases in class as an example.

-----_20030429164956_36290

Content-Type: application/x-unknown-content-type-wp10doc;
name="ESCI 5470 7470 Spr03.wpd"

Content-Disposition: attachment; filename="ESCI 5470 7470
Spr03.wpd"

Content-Transfer-Encoding: base64

/1dQQ5Y6AAABCgIBAAAAgUAAADeQAAAAIAAIjhJexfO3Ml/q7PDHdAx9X/n20l
VQjCb/iFo1KN
GjzYnx3W4PJKUk5gbr63HFoKMNSa1vLpfKvqQXy40f4wVtE9D4SoZF9EhLUygl8v
8o4QTsyLzsqv
kHyhJmqJ1l8qKrXPSOWgCQOEodYw6dgmADI0XIjTUKPAPbgMqARv9e929PWJ37Dh
rE8cC4Byyhh1
pVitdixhFJaaFk57G2MVPxCRLPftJKZbV7YQPxEkJPd1T21Vwb4RCWYjmlfdzIa7
2eu7BFsZEF3M
zEyibW30GV3f2esdlFMiKlLwoVkmFwloIZia17qakjaPN/FKPLzuZl7+9rUbdOM
5OavfUfePl95
DAJe/ul3A6Vsozk4QVY+5IZUYscS5NS5H53WfAiEU9e3xhtAF04ycmth5giW9d3d
tf9bpi9K6VKz
TAzps6ujfpdkqr86PtHK1qMOo9dmk29DRGm8wlSPsYT3YO7As2XY8qKLCsxzea3S
uFgWAqaeKysC
XnNGiG6ngRWPPh7OjEi0BQNhcbGNZvNzvNtBDI4/hEcdFL+E98siN/Jc3EgXKye8d
oy8G6o2lx6xw
BpMWWignMxx0D5v2gSrwQetz3/UiTk3CocZe3ZWLJ56tNfbBhxfxg7JrGSWwSWQv
U+5TSADdjnYC
AIoAAAAAAAAAAAAAAAAAheAQAAAAwAAACMCQAACzABAAAAVQAAAJgJAAALMAEAAADj
AAAA7QkAAAsw
AQAAAMUAAADQCgAACzABAAAAvwAAAJULAAALMAEAAAC5AAAAVAAwAAAswAQAAALMA
AAANDQAACzAB
AAAArQAAMANAAALMAEAAACnAAAAbQ4AAAswAQAAAKEAAAAUDwAACzABAAAAxQAA
ALUPAAALMAEA
AADRAAAAhAAAAswAQAAALMAAABLEQAACzABAAAArQAAP4RAAALMAEAAACnAAAA
qxIAAAswAQAA
AKEAAABSEwAACzABAAAAmwAAAPMTAAALMAEAAACVAAAAjhQAAAswAQAAAI8AAAAj
FQAACzABAAAA
xAAAALIVAAALMAEAAADQAAAAadhYAAAswAQAAALIAAABGFwAACzABAAAArAAAAPgX
AAALMAEAAACm
AAAAPBgAAAswAQAAAKAAAABKGQAACzABAAAAmgAAAOoZAAALMAEAAACUAAAAhBoA
AAswAQAAAI4A
AAAYGwAACzABAAAAwgAAAKYbAAALMAEAAAC8AAAAaBwAAAswAQAAALkAAAAkHQAA
CzABAAAAtgAA
AN0dAAALMAEAAACzAAAAkx4AAAswAQAAALAAAABGHwAACzABAAAArQAAPYfAAAL
MAEAAACqAAAA
oyAAAAswAQAAAI8AAABNIQAACzABAAAAwgAAANwhAAALMAEAAAC8AAAAniIAAAsw
AQAAALkAAABa
IwAACzABAAAAtgAAABMkAAALMAEAAACzAAAAySQAAAswAQAAALAAAAB8JQAACzAB
AAAArQAACwm
AAALMAEAAACqAAAA2SYAAAswAQAAAI0AAACDJwAACzABAAAAwAAAABAoAAALMAEA
AAC6AAAA0CgA
AAswAQAAALcAAACKKQAACzABAAAAtAAAAEEqAAALMAEAAACxAAAA9SoAAAswAQAA
AK4AAACmKwAA
CzABAAAAqWAAAFQsAAALMAEAAACoAAAA/ywAAAswAQAAAIsAAACnLQAACzABAAAA
PAAAADIuAAAA

VWQAAAA+AAAAbi4AAAkxAgAAAFUAAACsLgAAAGYBAAAAAgAAAAEvAAAAAYQEAAAAU
AAAAy8AAAA1C
AgAAAB0AAAAXLwAACUICAAAAHQAAADQvAAAJQwUAAAAaAAAAUS8AAAA1CagAAAB0A
AABrLwAACUIC
AAAAHQAAAIgvAAAJQgIAAAAAdAAAApS8AAAA1CagAAAB0AAADCLwAACUICAAAAHQAA
AN8vAAAJQgIA
AAAdAAAA/C8AAAA1CagAAAB0AAAAZMAAACUICAAAAHQAAADYwAAAJQgIAAAAAdAAAA
UzAAAA1CagAA
AB0AAABwMAAACUICAAAAHQAAAI0wAAAJQgIAAAAAdAAAAqjAAAA1CagAAAB0AAADH
MAAACUICAAAA
HQAAA0QwAAAJQgIAAAAAdAAAAATEAAA1CagAAAB0AAAAeMQAACUICAAAAHQAAADsx
AAAJQgIAAAAAd
AAAADWDEAAA1CagAAAB0AAAB1MQAACUICAAAAHQAAAJIxAAAJQgIAAAAAdAAAArzEA
AA1CagAAAB0A
AADMMQAACUICAAAAHQAAAOkxAAAJQgIAAAAAdAAAAABjIAAA1CagAAAB0AAAAjMgAA
CUICAAAAHQAA
AEAyAAAJQgIAAAAAdAAAAXTIAAA1CagAAAB0AAAB6MgAACUICAAAAHQAAAJcyAAAJ
QgIAAAAAdAAAA
tDIAAABmAQAAAAIAAADRMgAAAGEBAAAAFAAANMyAAAJQgIAAAAAdAAAA5zIAAA1C
AgAAAB0AAAAE
MwAACUICAAAAHQAAACEzAAAJQgIAAAAAdAAAApJMAAA1CagAAAB0AAABbMwAACUIC
AAAAHQAAAHgz
AAAJQgIAAAAAdAAAA1TMAAA1CagAAAB0AAACyMwAACUICAAAAHQAAAM8zAAAJQgIA
AAAdAAAA7DMA
AA1CagAAAB0AAAAJNAAACUICAAAAHQAAACY0AAAJQgIAAAAAdAAAAQzQAAA1CagAA
AB0AAABgNAAA
CUICAAAAHQAAAH00AAAJQgIAAAAAdAAAAmJQAAA1CagAAAB0AAAC3NAAACUICAAAA
HQAAANQ0AAAJ
QgIAAAAAdAAAA8TQAAA1CagAAAB0AAAAONQAACUICAAAAHQAAACs1AAAJQgIAAAAAd
AAAASDUAAA1C
AgAAAB0AAAB1NQAACUICAAAAHQAAAI11AAAJQgIAAAAAdAAAAanzUAAA1CagAAAB0A
AAC8NQAACUIC
AAAAHQAAANK1AAAJQgEAAAAdAAAA9jUAAAgCAQAAABAAAAATNgAACzACAAAAUAAA
ACM2AAA1IwEA
AADJAgAAczYAAABVAQAAAE4AAAA8OQAACSUBAAAABgAAAIo5AAAITQEAAAAEAAAA
kDkAAAh/AQAA
ACgAAACUOQAACE4BAAAAAgAALw5AAAJMQIAAAB1AAAavjkAAAK3AQAAADIAAAAz
OgAACHcBAAAA
BAAAAGU6AAAINAEAAAAUAAAAaToAAAgQAQAAAAIAAAB9OgAACW0BAAAAFwAAAH86
AACqop0ulwIA
AAAACgABAAAABAAqAAAAAAAAACsAAAAAAAAAAAAAAAAAMM//8oAF8ANQAzAAAAAADU
Mg4AAwQAAAAA
Aw4A1NQzCgADAAAKANTgERMAAAAAAAAAuAC4AAQAAEwDgAQAAAAQAKgAAAEcAAAAr
AAAAAAAAAAEcA
AAADDP//KABfADUAMgAAAAAA0wsMAAACAKj9DADT0wwMAAACALAEADDT0wQvAAA1
AAFGcQsAYAKA
uAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwAeB4A0CAvANPUMg4AAwQAAAABAw4A1NQz
CgADAAAKANTg

ERMAAAAAAAAAuAC4AAQAAEwDg0wQvAAA1AAFgCQsAYAkAuAsAEA4AaBAAwBIAGBUA
cBcAyBkAIBwA
eB4A0CAvANPTCwwAAAIaQp0MANPTDAwAAAIAsAQMANMBAAAABAAqAAAAOAAAACsA
AAAAAAAAOAAA
AAMM//8oAF8ANQAxAAAAADTDawAAAIACAcMANPTBCwAACIAAbgLCgC4CwAQDgBo
EADAEgAYFQBw
FwDIGQAgHAB4HgDQICwA09QyDgADBAAAAIDDgDU1DMKAAMAAAoA1OAREwAAAAAA
AC4ALgABAAAT
AODTBCwAACIAAbgLCgC4CwAQDgBoEADAEgAYFQBwFwDIGQAgHAB4HgDQICwA09MM
DAAAAGAIbwwA
0wEAAAAEACoAAAA1AAAAKwAAAAAAAA1AAAAAwz//ygAXwA1ADAAAAAANMMDAAA
AgBgCQwA09ME
KQAAHwABEA4JABAOAGgQAMASABgVAHAXAMgZACAcAHgeANAgKQDT1DIOAMEAAAA
AwMOANTUMwoA
AwAACgDU4BETAAAAAALgAuAAEAABMA4NMEKQAAHwABEA4JABAOAGgQAMASABgV
AHAXAMgZACAc
AHgeANAgKQDT0wwMAAACAGAJDADTAQAAAAQAKgAAADIAAAArAAAAAAAAADIAAAD
DP//KABfADQA
OQAAAAAA0wwMAAACALgLDADT0wQmAAAcAAFoEAgAaBAAwBIAGBUAcBcAyBkAIBwA
eB4A0CAmANPU
Mg4AAwQAAAAEw4A1NQzCgADAAAKANTgERMAAAAAAAAAuAC4AAQAAEwDg0wQmAAAc
AAFoEAgAaBAA
wBIAGBUAcBcAyBkAIBwAeB4A0CAmANPTDAwAAAIaUAsMANMBAAAABAAqAAAALwAA
ACsAAAAAAAAA
LwAAAAMM//8oAF8ANAA4AAAAADTDawAAAIaEA4MANPTBCMAABkAAcASBwDAEgAY
FQBwFwDIGQAg
HAB4HgDQICMA09QyDgADBAAAAUDDgDU1DMKAAMAAAoA1OAREwAAAAAAAC4ALgAB
AAATAODTBCMA
ABkAAcASBwDAEgAYFQBwFwDIGQAgHAB4HgDQICMA09MMDAAAAGAQDgWA0wEAAAAE
ACoAAAAAsAAAA
KwAAAAAAAAAsAAAAAwz//ygAXwA0ADcAAAAAANMMDAAAAGBoEAwA09MEIAAAFgAB
GBUGABgVAHAX
AMgZACAcAHgeANAgIADT1DIOAMEAAAABgMOANTUMwoAAwAACgDU4BETAAAAA
LgAuAAEAABMA
4NMEIAAAFgABGBUGABgVAHAXAMgZACAcAHgeANAgIADT0wwMAAACAGgQDADTAQAA
AAQAKgAAACkA
AAArAAAAAAAAACkAAAADDP//KABfADQANgAAAAAA0wwMAAACAMASDADT0wQdAAAT
AAfFwUAcBcA
yBkAIBwAeB4A0CAdANPUMg4AAwQAAAAHw4A1NQzCgADAAAKANTgERMAAAAAAAAAu
AC4AAQAAEwDg
0wQdAAATAAFwFwUAcBcAyBkAIBwAeB4A0CAdANPTDAwAAAIaWBIMANMBAAAABAAq
AAAAJgAAACsA
AAAAAAAAJgAAAAMM//8oAF8ANAA1AAAAADTDawAAAIAGBUMANPTBBoAABAAAcgZ
BADIGQAgHAB4
HgDQIBoA09QyDgADBAAAAAgDDgDU1DMKAAMAAAoA1OAREwAAAAAAAC4ALgABAAAT
AODTBBoAABAA
AcgZBADIGQAgHAB4HgDQIBoA09MMDAAAAGAYFQwA0wEAAAAEACoAAABBAAGQAA
AAAAAABBAAAA

Awz // ygAXwA0ADQAAAAANMMDAAAAGAAAaW09MENQAAKwABsAQNALAEAAgHAGAJ
ALgLABAOAGgQ
AMASABgVAHAXAMgZACAcAHgeANAgNQDT1DIOAMEAAAAAMOANTUMwoAAwAACgDU
gNMENQAAKwAB
sAQNALAEAAgHAGAJALgLABAOAGgQAMASABgVAHAXAMgZACAcAHgeANAgNQDT0wwM
AAACAAAADADT
AQAAAAQAKgAAAEcAAAAZAAAAAAAAAAEcAAAADDP // KAbfADQAMwAAAAA0wsMAAAC
AKj9DADT0wwM
AAACALAEADDT0wQvAAAlAAFGcQsAYAKAuAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwA
eB4A0CAvANPU
Mg4AAwQAAAAABw4A1NQzCgADAAAKANSA0wQvAAAlAAFGcQsAYAKAuAsAEA4AaBAA
wBIAGBUAcBcA
yBkAIBwAeB4A0CAvANPTCwwAAAIaQp0MANPTDAwAAAIAsAQMANMBAAAABAAqAAAA
OAAAABkAAAAA
AAAAOAAAAAMM // 8oAF8ANAAyAAAAAADTDawAAAIACAcMANPTBCwAACIAAbgLCgC4
CwAQDgBoEADA
EgAYFQBwFwDIGQAgHAB4HgDQICwA09QyDgADBAAAAIDDgDU1DMKAAMAAAoA1IDT
BCwAACIAAbgL
CgC4CwAQDgBoEADAEgAYFQBwFwDIGQAgHAB4HgDQICwA09MMDAAAAGAIbwwA0wEA
AAAEACoAAAA1
AAAAGQAAAAAAAAA1AAAAAwz // ygAXwA0ADEAAAAANMMDAAAAGBgCQwA09MEKQAA
HwABEA4JABAO
AGgQAMASABgVAHAXAMgZACAcAHgeANAgKQDT1DIOAMEAAAAAwMOANTUMwoAAwAA
CgDUgNMEKQAA
HwABEA4JABAOAGgQAMASABgVAHAXAMgZACAcAHgeANAgKQDT0wwMAAACAGAJDADT
AQAAAAQAKgAA
ADIAAAAZAAAAAAAAADIAAAADDP // KAbfADQAMAAAAAAA0wwMAAACALgLDADT0wQm
AAAcAAFoEAgA
aBAAwBIAGBUAcBcAyBkAIBwAeB4A0CamANPUMg4AAwQAAAAEAW4A1NQzCgADAAAK
ANSA0wQmAAAc
AAFoEAgAaBAAwBIAGBUAcBcAyBkAIBwAeB4A0CamANPTDAwAAAIaUAsMANMBAAAA
BAAqAAAAALwAA
ABkAAAAAAAAALwAAAAMM // 8oAF8AMwA5AAAAAADTDawAAAIaEA4MANPTBCMAABkA
AcASBwDAEgAY
FQBwFwDIGQAgHAB4HgDQICMA09QyDgADBAAAAUDDgDU1DMKAAMAAAoA1IDTBCMA
ABkAAcASBwDA
EgAYFQBwFwDIGQAgHAB4HgDQICMA09MMDAAAAGAQDgwA0wEAAAAEACoAAAAsAAAA
GQAAAAAAAAAs
AAAAAwz // ygAXwAzADgAAAAANMMDAAAAGBoEAWA09MEIAAAFgABGBUGABgVAHAX
AMgZACAcAHge
ANAgIADT1DIOAMEAAAABgMOANTUMwoAAwAACgDUgNMEIAAAFgABGBUGABgVAHAX
AMgZACAcAHge
ANAgIADT0wwMAAACAGgQDADTAQAAAAQAKgAAACkAAAAZAAAAAAAAACkAAAADDP //
KAbfADMANwAA
AAAA0wwMAAACAMASDADT0wQdAAATAAFwFwUAcBcAyBkAIBwAeB4A0CadANPUMg4A
AwQAAAAHw4A
1NQzCgADAAAKANSA0wQdAAATAAFwFwUAcBcAyBkAIBwAeB4A0CadANPTDAwAAAIa
wBIMANMBAAAA

BAAqAAAAJgAAABkAAAAAAAAAJgAAAAMM//8oAF8AMwA2AAAAADTDawAAAIAGBUM
ANPTBBoAABAA
AcgZBADIGQAgHAB4HgDQIBoA09QyDgADBAAAAgDDgDU1DMKAAMAAAoA1IDTBBoA
ABAAAcgZBADI
GQAgHAB4HgDQIBoA09MMDAAAAGAYFQwA0wEAAAAEACoAAABBAAGAAAAAABB
AAAAAwz//ygA
XwAzADUAAAAANMMDAAAAGAAAwa09MENQAAKwABsAQNALAEAAgHAGAJALgLABAO
AGgQAMASABgV
AHAXAMgZACAcAHgeANAgNQDT1DIOAMEAAAAAMOANTUMwoAAwAACgDU0wQ1AAAr
AAGwBA0AsAQa
CacAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwAeB4A0CA1ANPTDawAAAIAAAAM
ANMBAAAAABAAq
AAAARwAAABgAAAAAAAAARwAAAAMM//8oAF8AMwA0AAAAADTCwwAAAIaQp0MANPT
DAwAAAIAsAQm
ANPTBC8AACUAAWAJCwBgCQC4CwAQDgBoEADAEgAYFQBwFwDIGQAgHAB4HgDQIC8A
09QyDgADBAAA
AAEDDgDU1DMKAAMAAAoA1NMELwAAJQABYakLAGAJALgLABAOAGgQAMASABgVAHAX
AMgZACAcAHge
ANAgLwDT0wsMAAACAKj9DADT0wwMAAACALAEADTAQAAAAQAKgAAADgAAAAAYAAA
AAAAADgAAAD
DP//KABfADMAMwAAAAA0wwMAAACAGHDADT0wQsAAAIaAG4CwoAuAsAEA4AaBAA
wBIAGBUAcBcA
yBkAIBwAeB4A0CAsANPUMg4AAwQAAAACw4A1NQzCgADAAAKANTTBCwAACIAAbgL
CgC4CwAQDgBo
EADAEgAYFQBwFwDIGQAgHAB4HgDQICwA09MMDAAAAGAIbwwA0wEAAAAEACoAAAA1
AAAAGAAAAAA
AAA1AAAAAwz//ygAXwAzADIAAAAAANMMDAAAAGBgCQwA09MEKQAAHwABEA4JABAO
AGgQAMASABgV
AHAXAMgZACAcAHgeANAgKQDT1DIOAMEAAAAwMOANTUMwoAAwAACgDU0wQpAAAf
AAEQDgkAEA4A
aBAAwBIAGBUAcBcAyBkAIBwAeB4A0CApANPTDawAAAIAYakMANMBAAAAABAAqAAAA
MgAAABgAAAAA
AAAAMgAAAAMM//8oAF8AMwAxAAAAADTDawAAAIaUAsMANPTBCYAABwAAWgQCABO
EADAEgAYFQBw
FwDIGQAgHAB4HgDQICyA09QyDgADBAAAAQDDgDU1DMKAAMAAAoA1NMEJgAAHAAB
aBAIAGgQAMAS
ABgVAHAXAMgZACAcAHgeANAgJgDT0wwMAAACALgLDADTAQAAAAQAKgAAAC8AAAAy
AAAAAAAAC8A
AAADDP//KABfADMAMAAAAA0wwMAAACABAODADT0wQjAAAZAHAEGcAwBIAGBUA
cBcAyBkAIBwA
eB4A0CAjANPUMg4AAwQAAAAFAw4A1NQzCgADAAAKANTTBCMAABkaAcASBwDAEgAY
FQBwFwDIGQAg
HAB4HgDQICMA09MMDAAAAGAQDgwa0wEAAAAEACoAAAAsAAAAGAAAAAAsAAAA
Awz//ygAXwAy
ADkAAAAANMMDAAAAGBoEAwa09MEIAAAFgABGBUGABgVAHAXAMgZACAcAHgeANAg
IADT1DIOAME
AAAABgMOANTUMwoAAwAACgDU0wQgAAAWAAEYFQYAGBUAcBcAyBkAIBwAeB4A0CAG
ANPTDawAAAIa

aBAMANMBAAAABAAqAAAAKQAAABgAAAAAAAAAKQAAAAMM//8oAF8AMgA4AAAAAADT
DAwAAAIawBIM
ANPTBB0AABMAAXXBQBwFwDIGQAgHAB4HgDQIB0A09QyDgADBAAAAAcDDgDU1DMK
AAMAAoA1NME
HQAAEWAbCbCFahAXAMgZACAcAHgeANAgHQDT0wwMAAACAMASDADTAQAAAAQAKgAA
ACYAAAAAYAAA
AAAAACYAAAADDP//KABfADIANwAAAAA0wwMAAACABgVDADT0wQaAAAQAAHIGQQA
yBkAIBwAeB4A
0CAaANPUMg4AAwQAAAAIAw4A1NQzCgADAAAKANTTBBoAABAAAcgZBADIGQAgHAB4
HgDQIBoA09MM
DAAAAGAYFQwA0wEAAAAEACoAAABMAAAAAAAAAAAAAAAAAABMAAAAwT//ygAXwAyADYA
AAAAANMMDAAA
AgAAAaWA09MFCwAAAQABCwDT0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAA
wBIAGBUAcBcA
yBkAIBwAeB4A0CA1ANPTBQsAAAEAAAsA09MENQAAkwABsAQNALAEAAgHAGAJALgL
ABAOAGgQAMAS
ABgVAHAXAMgZACAcAHgeANAgNQDT0wwMAAACAAAADADTAQAAAAQAKgAAAEYAAAA
AAAAAAAAAEwA
AAADBP//KABfADIANQAAAAA0wwMAAACALAEADADT0wULAAABAAELANPTBC8AACUA
AWAJCwBgCQC4
CwAQDgBoEADAEgAYFQBwFwDIGQAgHAB4HgDQIC8A09MFCwAAAQAACwDT0wwMAAAC
AAAADADT0wQ1
AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwAeB4A0CA1
ANMBAAAABAAq
AAAAQwAAAAAAAAAAAAAAAAATAAAAME//8oAF8AMgA0AAAAAADTDAwAAAIACAcMANPT
BQsAAAEAAQsA
09MELAAAIgABuAsKALgLABAOAGgQAMASABgVAHAXAMgZACAcAHgeANAgLADT0wUL
AAABAAALANPT
DAwAAAIAAAAMANPTBDUAACsAAbAEDQCwBAAIBwBgCQC4CwAQDgBoEADAEgAYFQBw
FwDIGQAgHAB4
HgDQIDUA0wEAAAAEACoAAABAAAAAAAAAAAAAAAAABMAAAAwT//ygAXwAyADMAAAA
ANMMDAAAAGBg
CQwA09MFCwAAAQABCwDT0wQpAAAfAAEQDgkAEA4AaBAAwBIAGBUAcBcAyBkAIBwA
eB4A0CApANPT
BQsAAAEAAAsA09MMDAAAAGAAAaWA09MENQAAkwABsAQNALAEAAgHAGAJALgLABAO
AGgQAMASABgV
AHAXAMgZACAcAHgeANAgNQDTAQAAAAQAKgAAAD0AAAAAAAAAAAAAAAAAEwAAAADBP//
KABfADIAMgAA
AAAA0wwMAAACALgLDADT0wULAAABAAELANPTBCYAABwAAWgQCABoEADAEgAYFQBw
FwDIGQAgHAB4
HgDQICYA09MFCwAAAQAACwDT0wwMAAACAAAADADT0wQ1AAArAAGwBA0AsAQACAcA
YAkAuAsAEA4A
aBAAwBIAGBUAcBcAyBkAIBwAeB4A0CA1ANMBAAAABAAqAAAAOgAAAAAAAAAAAAA
TAAAAAME//8o
AF8AMgAxAAAAAADTDAwAAAIAEA4MANPTBQsAAAEAAQsA09MEIwAAGQABwBIHAMAS
ABgVAHAXAMgZ
ACAcAHgeANAgIwDT0wULAAABAAALANPTDAwAAAIAAAAMANPTBDUAACsAAbAEDQCw
BAAIBwBgCQC4

CwAQDgBoEADAEgAYFQBwFwDIGQAgHAB4HgDQIDUA0wEAAAAEACoAAAA3AAAAAAAA
AAAAABMAAAA
AwT//ygAXwAyADAAAAANMMDAAAAGBoEAWA09MFCwAAAQABCwDT0wQgAAAWAAEY
FQYAGBUAcBcA
yBkAIbWAeB4A0CAgANPTBQsAAAEAAAsA09MMDAAAAGAAAAWA09MENQAAKwABsAQN
ALAEAAgHAGAJ
ALgLABAOAGgQAMASABgVAHAXAMgZACAcAHgeANAgNQDTAQAAAAQAKgAAADQAAAA
AAAAAAAAAEwA
AAADBP//KABfADEAQAAAAA0wwMAAACAMASDADT0wULAAABAAELANPTBB0AABMA
AXAXBQBwFwDI
GQAgHAB4HgDQIB0A09MFCwAAAQAACwDT0wwMAAACAAAADADT0wQ1AAArAAGwBA0A
sAQACAcAYAkA
uAsAEA4AaBAAwBIAGBUAcBcAyBkAIbWAeB4A0CA1ANMBAAAABAAqAAAAJQAAAA
AAAAAAAAQAAA
AAME//8oAF8AMQA4AAAAADTBQsAAAEAAQsA09MEGgAAEAABYBkEAMgZACAcAHge
ANAgGgDT0wUL
AAABAAALANPTBDUAACsAAbaEDQCwBAAIbWBgCQC4CwAQDgBoEADAEgAYFQBwFwDI
GQAgHAB4HgDQ
IDUA0wEAAAAEACoAAABMAAAAAAAAAAAAAAAAAABMAAAAawT//ygAXwAxADcAAAAANMM
DAAAAGAAAAWA
09MFCwAAAQABCwDT0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUA
cBcAyBkAIbWA
eB4A0CA1ANPTBQsAAAEAAAsA09MENQAAKwABsAQNALAEAAgHAGAJALgLABAOAGgQ
AMASABgVAHAX
AMgZACAcAHgeANAgNQDT0wwMAAACAAAADADTAQAAAAQAKgAAAEYAAAAAAAAAAAA
AEwAAAADBP//
KABfADEANgAAAAA0wwMAAACALAEADADT0wULAAABAAELANPTBC8AACUAAWAJCwBg
CQC4CwAQDgBo
EADAEgAYFQBwFwDIGQAgHAB4HgDQIC8A09MFCwAAAQAACwDT0wwMAAACAAAADADT
0wQ1AAArAAGw
BA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkAIbWAeB4A0CA1ANMBAAA
BAAqAAAAQwAA
AAAAAAAAAAAAATAAAAME//8oAF8AMQA1AAAAADTDawAAAIACAcMANPTBQsAAAEA
AQsA09MELAAA
IgABuAsKALgLABAOAGgQAMASABgVAHAXAMgZACAcAHgeANAgLADT0wULAAABAAAL
ANPTDAwAAIA
AAAMANPTBDUAACsAAbaEDQCwBAAIbWBgCQC4CwAQDgBoEADAEgAYFQBwFwDIGQAg
HAB4HgDQIDUA
0wEAAAAEACoAAABAAAAAAAAAAAAAAAAABMAAAAawT//ygAXwAxADQAAAAANMMDAAA
AgBgCQwA09MF
CwAAAQABCwDT0wQpAAAFQDgkAEA4AaBAAwBIAGBUAcBcAyBkAIbWAeB4A0CAp
ANPTBQsAAAEA
AAsA09MMDAAAAGAAAAWA09MENQAAKwABsAQNALAEAAgHAGAJALgLABAOAGgQAMAS
ABgVAHAXAMgZ
ACAcAHgeANAgNQDTAQAAAAQAKgAAAD0AAAAAAAAAAAAAAAAAEwAAAADBP//KABfADEA
MwAAAAA0wwM
AAACALgLDADT0wULAAABAAELANPTBCYAABWAAWgQCABoEADAEgAYFQBwFwDIGQAg
HAB4HgDQICYA

09MFCwAAAQAACwDT0wwMAAACAAAADADT0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsA
EA4AaBAAwBIA
GBUAcBcAyBkAIBwAeB4A0CA1ANMBAAAABAAqAAAAOgAAAAAAAAAAAAAAAAATAAAAAAME
//8oAF8AMQAY
AAAAAADTDawAAAIAEA4MANPTBQsAAAEAAQsA09MEIwAAGQABwBIHAMASABgVAHAX
AMgZACAcAHge
ANAgIwDT0wULAAABAAALANPTDAwAAAIAAAAMANPTBDUAACsAAbAEDQCwBAAIBwBg
CQC4CwAQDgBo
EADAEgAYFQBwFwDIGQAgHAB4HgDQIDUA0wEAAAAEACoAAAA3AAAAAAAAAAAAAAAAABM
AAAAAwT//ygA
XwAxADEAAAAANMMDAAAAGBoEAwA09MFCwAAAQABCwDT0wQgAAAWAAEYFQYAGBUA
cBcAyBkAIBwA
eB4A0CAgANPTBQsAAAEAAAsA09MMDAAAAGAAAAwA09MENQAkwABsAQNALAEAAgH
AGAJALgLABAO
AGgQAMASABgVAHAXAMgZACAcAHgeANAgNQDTAQAAAAQAKgAADQAAAAAAAAAAAAAA
AEwAAAADBP//
KABfADEMAAAAAAAAA0wwMAAACAMASDADT0wULAAABAAELANPTBB0AABMAAXXBQBw
FwDIGQAgHAB4
HgDQIB0A09MFCwAAAQAACwDT0wwMAAACAAAADADT0wQ1AAArAAGwBA0AsAQACAcA
YAkAuAsAEA4A
aBAAwBIAGBUAcBcAyBkAIBwAeB4A0CA1ANMBAAAABAAoAAAAJQAAAAAAAAAAAAAAAA
QAAAAAME//8m
AF8AOQAAAAAAAA0wULAAABAAELANPTBB0AABAAAcgZBADIGQAgHAB4HgDQIB0A09MF
CwAAAQAACwDT
0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwAeB4A
0CA1ANMBAAAA
BAAoAAAAATAAAAAAAAAAAAAAAAAATAAAAAAME//8mAF8AOAAAAAAAA0wwMAAACAAAADADT
0wULAAABAAEL
ANPTBDUAACsAAbAEDQCwBAAIBwBgCQC4CwAQDgBoEADAEgAYFQBwFwDIGQAgHAB4
HgDQIDUA09MF
CwAAAQAACwDT0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcA
yBkAIBwAeB4A
0CA1ANPTDAwAAAIAAAAMANMBAAAABAAoAAAAARgAAAAAAAAAAAAAAAAATAAAAAAME//8m
AF8ANwAAAAAA
0wwMAACALAEADADT0wULAAABAAELANPTBC8AACUAAWAJCwBgCQC4CwAQDgBoEADA
EgAYFQBwFwDI
GQAgHAB4HgDQIC8A09MFCwAAAQAACwDT0wwMAAACAAAADADT0wQ1AAArAAGwBA0A
sAQACAcAYAKA
uAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwAeB4A0CA1ANMBAAAABAAoAAAAQwAAAAAA
AAAAAAAAATAAA
AAME//8mAF8ANgAAAAAA0wwMAACAAgHDADT0wULAAABAAELANPTBCwAACIAAbgI
CgC4CwAQDgBo
EADAEgAYFQBwFwDIGQAgHAB4HgDQICwA09MFCwAAAQAACwDT0wwMAAACAAAADADT
0wQ1AAArAAGw
BA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwAeB4A0CA1ANMBAAAA
BAAoAAAAQAAA
AAAAAAAAAAAAAAAAATAAAAAAME//8mAF8ANQAAAAAAAA0wwMAACAGAJDADT0wULAAABAAEL
ANPTBCkAAB8A

ARAOCQAQDgBoEADAEgAYFQBwFwDIGQAgHAB4HgDQICkA09MFCwAAAQAACwDT0wwM
AAACAAAADADT
0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwAeB4A
0CA1ANMBAAAA
BAAoAAAAAPQAAAAAAAAAAAAAAAAATAAAAAME//8mAF8ANAAAAAAAA0wwMAAACALgLDADT
0wULAAABAAEL
ANPTBCYAABwAAWgQCABoEADAEgAYFQBwFwDIGQAgHAB4HgDQICYA09MFCwAAAQAA
CwDT0wwMAAAC
AAAADADT0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkA
IBwAeB4A0CA1
ANMBAAAABAAoAAAAOgAAAAAAAAAAAAAAAAATAAAAAME//8mAF8AMwAAAAAA0wwMAAAC
ABAODADT0wUL
AAABAAELANPTBCMAABkAAcASBwDAEgAYFQBwFwDIGQAgHAB4HgDQICMA09MFCwAA
AQAACwDT0wwM
AAACAAAADADT0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcA
yBkAIBwAeB4A
0CA1ANMBAAAABAAoAAAANwAAAAAAAAAAAAAAAAATAAAAAME//8mAF8AMgAAAAAA0wwM
AAACAGgQDADT
0wULAAABAAELANPTBCAAABYAARgVBgAYFQBwFwDIGQAgHAB4HgDQICAA09MFCwAA
AQAACwDT0wwM
AAACAAAADADT0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcA
yBkAIBwAeB4A
0CA1ANMBAAAABAAoAAAANAAAAAAAAAAAAAAAAATAAAAAME//8mAF8AMQAAAAAA0wwM
AAACAMASDADT
0wULAAABAAELANPTBB0AABMAAXAXBQBwFwDIGQAgHAB4HgDQIB0A09MFCwAAAQAA
CwDT0wwMAAAC
AAAADADT0wQ1AAArAAGwBA0AsAQACAcAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkA
IBwAeB4A0CA1
ANMBAAAABAAmAAAAJQAAAAAAAAAAAAAAAAQAAAAAME//8kAF8AAAAANMFCwAAAQAB
CwDT0wQaAAAQ
AAHIGQQAyBkAIBwAeB4A0CAaANPTBQsAAAEAAAsA09MENQAAKwABsAQNALAEAAgH
AGAJALgLABAO
AGgQAMASABgVAHAXAMgZACAcAHgeANAgNQDTAQAAAAQAPAAAAAAAAAAAAAAAAAAAA
AAAAAACAP//
OgBEAGUAZgBhAHUAbAB0ACAAUABhAHIAyQAAAAAGwD0G1wSGgkAABEJAAAAYAY
EQCLFCYAVABp
AG0AZQBzACAATgBlAHcAIABSAG8AbQBhAG4AAAAAAAAAAAAIAAAAAAAAAAAAAAAAA
AAAAAAk//8A
AAAAAAAAADMANQA5AD0AQQBFAEKATQBRADeAAAAAdeAAAAxAAAAMQAAADEAAAAx
AAAAMQAAADEA
AAAxAAAAAAAAUAAAAVABhAGIAbABlAF8AQQAAAAAAGQAEAAAAAARAAAQAAELAAAQ
AAAAAAAAZAAA
AAAZAAQAAAAABEAABAAAQsAABAAAAAAABkAAAAABYABAAAAP//DgAAAAAFP//
/2QAAGAAAAA
GQAEAAAAAARAAAQAAELAAAQAAAAAAAZAAAAAZAAQAAAAABEAABAAAQsAABAA
AAAAAABkAAAA
ABkABAAAAAAAEQAAEAABCwAAEAAAAAAAGQAAAAAGQAEAAAAAARAAAQAAELAAAQ
AAAAAAAZAAA

AAAZAAQAAAAABEAABAAAQsAABAAAAAAAABkAAAAABkABAAAAAAAEQAAEAABCwAA
EAAAAAAAAGQA
AAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAAZAAAAAZAAQAAAAABEAABAAAQsA
ABAAAAAAAABk
AAAAABkABAAAAAAAEQAAEAABCwAAEAAAAAAAAGQAAAAAGQAEAAAAAARAAAQAAEL
AAAQAAAAAAA
ZAAAAAZAAQAAAAABEAABAAAQsAABAAAAAAAABkAAAAABkABAAAAAAAEQAAEAAB
CwAAEAAAAAAA
AGQAAAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAAZAAAAAZAAQAAAAABEAABAA
AQsAABAAAAAA
AABkAAAAABkABAAAAAAAEQAAEAABCwAAEAAAAAAAAGQAAAAAGQAEAAAAAARAAAQ
AAELAAAQAAA
AAAZAAAAAZAAQAAAAABEAABAAAQsAABAAAAAAAABkAAAAABkABAAAAAAAEQAA
EAABCwAAEAAA
AAAAGQAAAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAAZAAAAAZAAQAAAAABEA
ABAAAQsAABAA
AAAAABkAAAAABkABAAAAAAAEQAAEAABCwAAEAAAAAAAAGQAAAAAGQAEAAAAAAR
AAAQAAELAAAQ
AAAAAAAZAAAAAZAAQAAAAABEAABAAAQsAABAAAAAAAABkAAAAABkABAAAAAA
EQAAEAABCwAA
EAAAAAAAAGQAAAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAZAAAAAZAAQAAAA
ABEAABAAAQsA
ABAAAAAAAABkAAAAABkABAAAAAAAEQAAEAABCwAAEAAAAAAAAGQAAAAAGQAEAAA
AARAAAQAAEL
AAAQAAAAAAAZAAAAAZAAQAAAAABEAABAAAQsAABAAAAAAAABkAAAAABkABAAA
AAAEEQAAEAAB
CwAAEAAAAAAAAGQAAAEAFAAAAFQAYQB iAGwAZQBfAEIAAAAAABkABAAAAAAAEQAA
EAABCwAAEAAA
AAAAGQAAAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAZAAAAAZAAQAAAAABEA
ABAAAQsAABAA
AAAAABkAAAAABkABAAAAAAAEQAAEAABCwAAEAAAAAAAAGQAAAAAGQAEAAAAAAR
AAAQAAELAAAQ
AAAAAAAZAAAAAZAAQAAAAABEAABAAAQsAABAAAAAAAABkAAAAABkABAAAAAA
EQAAEAABCwAA
EAAAAAAAAGQAAAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAZAAAAAZAAQAAAA
ABEAABAAAQsA
ABAAAAAAAABkAAAAABkABAAAAAAAEQAAEAABCwAAEAAAAAAAAGQAAAAAGQAEAAA
AARAAAQAAEL
AAAQAAAAAAAZAAAAAZAAQAAAAABEAABAAAQsAABAAAAAAAABkAAAAABkABAAA
AAAEEQAAEAAB
CwAAEAAAAAAAAGQAAAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAZAAAAAZAAQA
AAAAABEAABAA
AQsAABAAAAAAAABkAAAAABkABAAAAAAAEQAAEAABCwAAEAAAAAAAAGQAAAAAGQAE
AAAAAARAAAQ
AAELAAAQAAAAAAAZAAAAAZAAQAAAAABEAABAAAQsAABAAAAAAAABkAAAAABkA
BAAAAAAAEQAA
EAABCwAAEAAAAAAAAGQAAAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAZAAAAAZ
AAQAAAAABEA

ABAAAQsAABAAAAAABkAAAAABkABAAAAAAEQAAEAABCwAAEAAAAAAGQAAAA
GQAEAAAAAAR
AAAQAAELAAAQAAAAAAAZAAAAAZAAQAAAAABEABAAAQsAABAAAAAABkAAAA
ABkABAAAAAA
EQAAEAABCwAAEAAAAAAGQAAAAAGQAEAAAAAARAAAQAAELAAAQAAAAAAAZAAA
AAAZAAQAAAA
ABEABAAAQsAABAAAAAABkAAAAABkABAAAAPv/EQAAWwABCwAAWwAAAAAAGQA
AA4zfABQAAEC
AAAAAAAQABAAAABAAoAAAAKAAAAAAAAAAAAAAAAAAAAAESJ1MkAKEAAACHAAAA
1B4QAAADAC4A
AC4ARAA1NQCDAAAQABAQwA1NQDDAAAQABAAwA1ACYSABQACAATABhAHMAZQBy
AEoAZQB0ACAA
NAA
AAAAAAAAA
AA
AAAAAAAAA
AA
AAAAAAAAA
AA
AAAAAAAAA
AA
AAAAAAAAA
AA
AAAAAAAAA
AA
AAAAAAAAA
AAAAADIAMgA
LAEsASwBLAHIAMgAMAA
AAAAAAAAA
AA
AAAAAAAAA
AA
AAAAAAAAA
AAAAKADWHsMPOQgAABEJAAAAGwAbaQCLFDYAVABpAG0AZQBzACAATgBlAHcAIABS
AG8AbQBhAG4A
IABSAGUAZwB1AGwAYQByAAAAAAAAAAAAAQB/AF'gCAQAAABoAAAAAAAAAAAA
AAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAACAAgAAAAAAAAAAAAAAAAAAAAADMjGQABAwABAAB
MwA3AD0AQwBJ
AFEAWQBhAGcArQAAAK0AAAxAC4AAABhAC4AAABpAC4AAAAoADEAKQAAACgAYQAp
AAAAKABpACkA
AAAxACkAAABhACkAAAAAAAAAAAAAAIAhAAAAAMAaQApAAAAAAAAAAAAAA
AAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAEx+mC4AAAAUABhAGcAZQBzAAAACQACAAAAAA
AAAAAA/1Ua

i/8AAMDawN0KEACDAX0AAwAnUyEQAN3UHhAAAAMALgAALgABEADU1AIMAAABAAEB
DADU1AMMAAAB
AAEADADU3QsLAAMAAQLAN3UXxAAAAYAawAAAAABEADU0wMMAAABAAAKDADT0wR+
AABqAAGwBCIA
LAEAWAIAsAQACAcANAgAYAkAjAoAuAsA5AwAEA4APA8AaBAA1BEAwBIAGBUAcBcA
yBkAIbWAeB4A
0CAAJSMAgCUA2CcAMCoAiCwA4C4AODEAkDMA6DUAQDgAmDoA8DwASD8AoEEBsAQc
AAAAnFgCfGDT
1BoFAIABOQAIAFgCPiwAAAFgCAABYAn8AWAIAAB8A1NAEFQAACwAJAAGwBAAAAAAB
IBUA0NMFDAAB
AQACAAwA0/IM8trfEAAABgAFAAAAAAEQANRFU0NJ1F8QAAAGAAQAAAAAARAA1IA1
NDcwLzc0NzDQ
BBUAAAsACQABlgXmAAEAASAVANBSZWzsZWN0aw9ugG9ugFNjaWVuY2WAVGVhY2hp
bmfQBBUAAAsA
CQABfAbMAQIAASAVANBTcHJpbmeAMjAwM9AEFQAACwAJAAFiB7ICAwABIBUA0PMM
89MFDAAAQAA
AgwA08zyDPJjbnN0cnVjdG9yOoCagICAgICAgICAgIDgEQwAAAAAjaoMAODgEQwAAAA
uAsMAOBEZwJv
cmFogEougNRfEAAABgAFAAAAAAEQANRUaXBwaW5z1F8QAAAGAAQAAAAAARAA1CyA
UGguRC7QBBUA
AAsACQABLgl+BAUAAASAVANBPZmZpY2U6gICAgICAgICAgICAgICA4BEMAAAAAIwK
DADg4BEMAAAA
ALgLDADgMjEygNRfEAAABgAFAAAAAAEQANRBZGVyaG9sZNRfEAAABgAEAAAAAAEQ
ANSASGFsbNAE
FQAACwAJAAEUcmQFBgABIBUA0EWEbWFpbDQAgICAgICAgICAgICA4BEMAAAAAIwK
DADg4BEMAAAA
ALgLDADgZHRpCHBpbnNAY29lLnVnYS5lZHXQBBUAAAsACQAB+gpKBgcAASAVANBP
ZmZpY2WAUGHv
bmU6gICAgICAgICAgICAgCg3MDYpgDU0MoQxNzYz0AQVAAALAAkAAeALMAcIAAEg
FQDQSG9tZYBQ
aG9uZTQAgICAgICAgICA4BEMAAAAALgLDADgKDCwNimANTQ5hDkxMDLQBBUAAAsA
CQABxgwWCAkA
ASAVANBPZmZpY2WASG91cnM64BEMAAAAAGAJDADg4BEMAAAAAIwKDADggICAgICA
QnmAQXBwb2lu
dG1lbnTQBBUAAAsACQABrA38CAoAASAVANBDdbGFzc4BTY2hlZHVszTQAgICAgOAR
DAAAAC4CwwA
4ElvbmRheYA0OjQwhDc6NDCAcC5tLoBhbmSAb3RoZXKAdGltZXOAYXOAYXJyYw5n
ZWTQBBUAAAsA
CQABkg7iCQsAASAVANDgEQwAAAAACAcMAODgEQwAAAAANAgMAODgEQwAAAAAYAKM
AODgEQwAAAA
jaoMAODgEQwAAAAAuAsMAOBSb29tgDIxNYDUXxAAAAYABQAAAAABEADUQWRlcmhv
bGTUXxAAAAYA
BAAAAABEADUgEhhbGzQBBUAAAsACQABeA/ICgWAASAVANDzDPPMgICAgICAgIAi
QW6AZW1wb3dl
cmVkgHRlYWNoZXKAaXOAYYByZWZsZWN0aXZlgGRlY2lzaW9ugG1ha2VygHdob4Bm
aw5kc4Bqb3mA
aw6AbGVhcm5pbmeAYW5kgGlu0AQVAAALAAkAAUQRlAwOAAEgFQDQaW52ZXN0awdh
dGluZ4B0aGWA

dGVhY2hpbmcvbGVhcm5pbmeAcHJvY2Vzc4CEgG9uZYB3aG+Adm1ld3OAbGVhcm5p
bmeAYXOAY29u
c3RydWN0aW9uGFuZNABFQAACwAJAAEgEnoNDwABIBUA0HRlYWN0aW5n0AQVAAAL
AAkAARATYA4Q
AAEgFQDQYXOAYYBmYWNpbG10YXRpbmeAcHJvY2Vzc4B0b4B1bmhbmNlgGFuZIBl
bnJpY2iAZGV2
ZWxvcG1lbnQuIoAo1F8QAAAGAAUAAAAAARAA1EZvc25vdNRfEAAABgAEAAAAAAEQ
ANQsgDE5ODks
gHAugHhpKdAEFQAACwAJAAH2E0YPEQABIBUA0MyAgICAgICAgCJDcm10aWNhbIBY
ZWZsZWN0aW9u
gGVtcGhhc2l6ZXOAdGhhdIByZWZsZWN0aW9uG1zGJvdW5kgHdpdGhpboBhgHN5
c3RlbYBvZoBt
ZWFuaW5n0AQVAAALAAkAAcIVEhETAEEgFQDQbWFraW5ngHdoawNogG1zGHNvY2lh
bGx5gG1lZG1h
dGVkLoBxAGVugHJlZmxlY3RpdmWAAW5xdWlyeYBiZWNvbWVzGNYaXRpY2FsLIBp
dIBjaGFsbGVu
Z2Vz0AQVAAALAAkAAagW+BEUAAEgFQDQYWNjZXB0ZWSAdHJhZG10aW9uc4BhbmSA
Y29udmVudGlv
bnOAdGhhdIBoYXZlG1lZG1lZW6AZG9taW5hbnSAaW6Ac2NpZW5jZyB0ZWZjaGVyG1lZG1h
dWNhdGlvbi6A
SW7QBBUAAAsACQABjhfeEhUAASAVANB0aG1zGHNlbnNlLIBpdIBlbXBoYXNpemVz
gHRoZYBjb25u
ZWN0aW9uG1ldHdlZW6Ac2Nob29sgHByYWN0aWNlgGFuZIBzb2NpYWyAY29udGV4
dHOAd2l0aGlu
0AQVAAALAAkAAAXQYxBMWAAEgFQDQd2hpY2iAc2Nob29saW5ngHRha2VzGHBsYWNl
LIB0aGWAcMVs
YXRpb25zaG1wgG1ldHdlZW6AaG1kZGVugGFuZIBvdmVydIBjdXJyaWN1bHVtLIBw
ZWRhZ29naWNh
bNAEFQAACwAJAAFAgAoUFwABIBUA0GFwchJvYWN0ZXOAYW5kgGZvcmlzG9mgGV2
YWx1YXRpb24s
gGFuZIB0aGwAZGV2ZWxvcG1lbnSAb2aAaG1zdG9yaWNhbIBjb25zY2lvdXNuZXNz
gHdoawNo0AQV
AAALAAkAAUAakBUYAAEgFQDQY29uc2lkZXJzGHRoZYB2YXJpZWSAdmFsdWVzLIBp
bnRlcmVzdHMs
gGFuZIBwZXJzcGVjdG12ZXOAc2Nob29sc4BoYXZlGHNlcnZlZC6AQXSAdGhlgGh1
YXJ0gG9m0AQV
AAALAAkAAASybdhYZAAEgFQDQY3JpdG1jYWyAcMvmbGVjdGlvboBpc4B0aGWAY29u
c2lkZXJhdGlv
boBvZoBhbHRlcm5hdG12ZYBpZGVhc4BhbmSACHJhY3RyY2VzGhdoawNogHRha2WA
aW50b4BhY2Nv
dW500AQVAAALAAkAAQwcXBcaAAEgFQDQdGhlgGR5bmFtaWNzG9mgHBvd2VyG1lZG1h
YmVkdGVkGhdp
dGhpboBzY2hvb2yAYW5kgGNsYXNzcm9vbXMuIoAo1F8QAAAGAAUAAAAAARAA1E5p
Y2hvbHPUXxAA
AAAYAAAAAABEADULIDUXxAAAAAYABQAAAAABEADUVGlwcGluc9RfEAAABgAEAAAA
AAEQANSAJtAE
FQAACwAJAAHyHEIYGwABIBUA0NRfEAAABgAFAAAAAAEQANRXaWVzZW1hbtrfEAAA
BgAEAAAAAAEQ

ANQsgDE5OTcsgHAUGDc3KdAEFQAACwAJAAHYHSgZHAABIBUA0MzTBQwAAAEAAgAM
ANPyDPLUGx8A
gAE5AAgAigK7TAYAiAIAAFgCOQBYAj4sHwDUT3ZlcnZpZXcvUHVycG9zZYBvZoB0
aGWAQ291cnNl
8wzz1BsfAIABOQAIAFgCPiwAAFgCBgCIAjkaigK7TB8A1NAEFQAACwAJAAGkH/Qa
HgABIBUA0NMF
DAAAAQAAAgwA08yAgICAgICAgFdlbGNvbWWAdG+AdGhlgGNvdxJzZYBSZWZsZWN0
aW9ugG9ugFNj
aWVuY2WAVGVhY2hpbmchgFRoaXOAY291cnNlgGlgZgludGVuZGVkGHRv0AQVAAAL
AAkAAYMh0xwg
AAEGFQDQcHJvdmlkZyB5b3WAd2l0aIBvcHBvcnR1bml0aWVzggFuZiAidG9vbHMi
gHRvgGVuZ2Fn
ZYBpboByZWZsZWN0aXZlgHByYWN0aWNlgHRoYXSAd2lsbIBhc3Npc3SAew91gGlu
0AQVAAALAAkA
AWkiur0hAAEGFQDQY29uc3RydWN0aW5ngGGAdmlzaW9ugG9mgHdoYXSac2Vjb25k
YXJ5gHNjaWVu
Y2WAdGVhY2hpbmeAY2FugGJlgGxpa2UugER1cmluZ4B5b3VyghN0dWRlbnTQBBUA
AAsACQABTyOf
HiIAASAVANB0ZWFjaGluZ4BzZW1lc3Rlc0B5b3WAd2lsbIBiZyBpbnZvbHlZlZlBp
boBpbmRlcGVu
ZGVudIBhbmSAZ3JvdXCAYWN0aXZpdGllc4B3aGljaIB3aWxsGNoYWxsZW5nZdAE
FQAACwAJAAE1
JIUfiWABIBUA0HlvdYB0b4BwdXJwb3NlZnVsbHmAYW5kgGNyaXRpY2FsbHmAZXhh
bWluZyB5b3Vy
gGJlbGllZnOAYWJvdXSAdGVhY2hpbmeAc2NpZW5jZS6AV2WAd2lsbIB2aWV30AQV
AAALAAkAARs1
ayAkAAEGFQDQdGVhY2hpbmeAbm90gGFzggGAcHJlZGV0ZXJtaW5lZlBzZXSA2aA
cnVsZX0Ab3KA
ImJhZ30Ab2aAdHJpY2sigHRvgGFwcGx5gHRvgGFueYBnaXZlboBjbGFzc3Jvb23Q
BBUAAAsACQAB
ASZRISUAASAVANBzaXR1YXRpb24sgGJldIBhc4BhgHByYWN0aWNlgGdyb3VuZGVk
gGluGGAc3lz
dGVtggG9mgHZhbHVlcyyAdGh1b3JpZXOAYW5kgGJlbGllZnOAKNRfEAAABgAFAAAA
AAEQANRTY2hv
btRfEAAABgAEAAAAAAEQANQsgDE5ODMpLtAEFQAACwAJAAHnJjciJgABIBUA0Mzg
EQwAAAAACAcM
AOBSZWZsZWN0aXZlgHByYWN0aWNlgGludm9sdmVzghRoaw5raw5ngGFuZiBhY3Rp
bmeAb26AdGhv
c2WAYXNwZWN0c4BvZoB0ZWFjaGluZ4B0aGF00AQVAAALAAkAAbMoAyQoAAEGFQDQ
ZnJlc3RyYXRl
LIBjb25mdXNlLIBhbmSACGVycGxlc6AQXOAYYByZWZsZWN0aXZlgHRlYWN0ZXIs
gHlvdYB3aWxs
gGVuZ2FnZYBpboBhgHByb2Nlc30Ab2aAbGVhcm5pbmfQBBUAAAsACQABmSnpJCkA
ASAVANBmcm9t
gHlvdXkAZXhwZXJpZW5jZX0AhIBjb25zdHJ1Y3RpbmeAYW5kgHJlY29uc3RydWN0
aW5ngHRlYWN0
aW5ngHByYWN0aWNlc4Bhc4B5b3WAYWR2YW5jZYBmcm9t0AQVAAALAAkAAX8qzyUq
AAEGFQDQaW50

ZWxsZWN0dWfsaXppbmeAYW6AaXNzdWwAdG+AdGFraW5ngGFjdGlvboB0b4BpbXBy
b3ZlgGFuZIBy
ZWZpbmWAeW9lcoB0ZWFjaGluZy7QBBUAAAsACQABZSu1JisaASAVANDM0AYVAAAL
AAkaATEtgSgt
AAEgFQDQ8gzyQ291cnNlgEdvYWxz8wzz0AQVAAALAAkaAbAEAAAAAAEgFQDQ1Bs f
AIABOQAIAPQB
bOMBAPIBAABYAjkAWAI+LB8A1NQbHwCAATkACABYAj4sAABYAgEA8gE5APQBbOMf
ANTM1Bs fAIAB
OQAIAPQBbOMBAPIBAABYAjkAWAI+LB8A1NQbHwCAATkACABYAj4sAABYAgEA8gE5
APQBbOMfANTg
EQwAAAAACaCMAODwAwTw4BEMAAAAADQIDADgUHJvc3Bly3RpdmWAdGVhY2hlcnOA
d2lsbIBldGls
aXplgGlucXVpcnmAYXOAYYB2ZWhpY2xlgGZvcoBwcm9mZXNzaW9uYWYAcMvmbGVj
dGlvboBhbmTQ
ARUAAAsACQABfAbMAQIAASAVANBkZXZlbG9wbWVudC7QBBUAAAsACQABYgeyAgMA
ASAVANDUGx8A
gAE5AAgA9AFs4wEA8gEAAFgCOQBYAj4sHwDU1Bs fAIABOQAIAFgCPiwAAFgCAQDy
ATka9AFs4x8A
1MzUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYAj4sHwDU1Bs fAIABOQAIAFgCPiwa
AFgCAQDyATka
9AFs4x8A1OARDAAAAAIBwwA4PADBPDgEQwAAAAANAgMAOBQcm9zcGVjdG12ZYB0
ZWFjaGVyc4B3
aWxsGGRldmVsb3CAYYByZXBlcnRvaXJlgG9mgCJ0b29scyKAdG+AYXNzaXN0gHRo
ZW2AaW6AYmVj
b21pbmfQARUAAAsACQABLgl+BAUAASAVANByZWZsZWN0aXZlgHByYWN0aXRpb25l
cnMu0AQVAAAL
AAkaARQKZAUGAAEgFQDQ1Bs fAIABOQAIAPQBbOMBAPIBAABYAjkAWAI+LB8A1NQb
HwCAATkACABY
Aj4sAABYAgEA8gE5APQBbOMfANTM4BEMAAAAAghDADg8AME8OARDAAAAAA0CAWA
4FByb3NwZWN0
aXZlgHRlYWNoZXJzGhdpbGyAaWRlbnRpZnmAYW5kgGRlc2NyaWJlgHNwZWNpZmlj
gGV4cGVyaWVu
Y2VzGglugHRoZWlygHN0dWRlbnSAGICAgNABFQAACwAJAAHgCzAHCAABIBUA0ICA
dGVhY2hpbmeA
YW5kgGZyYW1lgHRoZXNlgGNyaXRpY2Fs bHmAYXOAaXNzdWVzG9mgGNsYXNzcm9v
bYBwcmFjdG1j
ZS7QBBUAAAsACQABxgwWCAkaASAVANDUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBY
Aj4sHwDU1Bs f
AIABOQAIAFgCPiwAAFgCAQDyATka9AFs4x8A1MzUGx8AgAE5AAgA9AFs4wEA8gEA
AFgCOQBYAj4s
HwDU1Bs fAIABOQAIAFgCPiwAAFgCAQDyATka9AFs4x8A1OARDAAAAAIBwwA4PAD
BPDgEQwAAAAA
NAGMAOBQcm9zcGVjdG12ZYB0ZWFjaGVyc4B3aWxsGx1YXJugHRvGZvcm11bGF0
ZYBxdWVzdGlv
bnOAb3KAY2hhbGxlbmdlC4BhYm91dIBzY2llbmNlgICAgICAgNABFQAACwAJAAGS
DuIJCwABIBUA
0HRLYWNoaW5nLtaEFQAACwAJAAF4D8gKDAABIBUA0NQbHwCAATkACAD0AWzjaQDy
AQAAWAI5AFgC

PiwfANTUGx8AgAE5AAgAWAI+LAAAWAIBAPIBOQD0AWz jHwDUzNQbHwCAATkACAD0
AWz jAQDyAQAA
WAI5AFgCPiwfANTUGx8AgAE5AAgAWAI+LAAAWAIBAPIBOQD0AWz jHwDU4BEMAAAA
AAgHDADg8AME
8OARDAAAAA0CAwA4FByb3NwZWN0aXZlghRlYWN0ZXJzGhdpbGyAZXhwZXJpbWVu
dIB3aXRogHNv
bHV0aW9uc4B0b4Bwcm9ibGVtc4BvZoBwcmFjdGljZyBhbmTQARUAAAAsACQABRBGU
DA4AASAVANBl
eGFtaW5lgIB0aGWAY29uc2VxdWVuY2WAYW5kgGltcGxpY2F0aW9uc4BvZoB2YXJp
b3VzGHNvbHV0
aW9uc4AoUm9zcyAMTk4OSku0AQVAAALAAkAASoSeg0PAAEgFQDQ1Bs fAIABOQAI
APQBbOMBAPIB
AABYAjkAWAI+LB8A1NQbHwCAATkACABYAj4sAABYAgEA8gE5APQBbOMfANTM1Bs f
AIABOQAIAPQB
bOMBAPIBAABYAjkAWAI+LB8A1NQbHwCAATkACABYAj4sAABYAgEA8gE5APQBbOMf
ANTgEQwAAAAA
CACMAODwAwTw4BEMAAAAADQIDADgUHJvc3BlY3RpdmWAdGVhY2hlcnOAd2lsbIBh
cnRpY3VsYXRl
gHdoYXSAaXSAbWVhbnOAdG+AYmWAYYBwcm9mZXRzaW9uYWYAZWRlY2F0b3KAYW5k
0AEVAAALAAkA
AfYTRg8RAAEgFQDQbGVhcm6AdG+AZGV2ZWxvcIByZXNvdXJjZXOAdG+Ac3RpbXVs
YXRlgG9uZ29p
bmeAchJvZmVzc2lvbmFsgGdyb3d0aC7QBBUAAAAsACQAB3BQsEBIAASAVANDUGx8A
gAE5AAgA9AFs
4wEA8gEAAFgCOQBYA j4sHwDU1Bs fAIABOQAI AFgCPiwAAFgCAQDyATka9AFs4x8A
1MzUGx8AgAE5
AAgA9AFs4wEA8gEAAFgCOQBYA j4sHwDU8gzy1Bs fAIABOQAI AFgCPiwAAFgCAQDy
ATka9AFs4x8A
1ENvdXJzZYBNYXRlcmlhbHPzDPPUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYA j4s
HwDU1Bs fAIAB
OQAI AFgCPiwAAFgCAQDyATka9AFs4x8A1NAEFQAACwAJAAGoFvgRFAABIBUA0NQb
HwCAATkACAD0
AWz jAQDyAQAAWAI5AFgCPiwfANTUGx8AgAE5AAgAWAI+LAAAWAIBAPIBOQD0AWz j
HwDUzNQbHwCA
ATkACAD0AWz jAQDyAQAAWAI5AFgCPiwfANTUGx8AgAE5AAgAWAI+LAAAWAIBAPIB
OQD0AWz jHwDU
4BEMAAAAAgHDADgMS7gEQwAAAAANAgMAOBTZWxlY3RlZlByZWFKaW5nc4AoYXZh
aWxhYmxlgGlu
gGNsYXNZKdAEFQAACwAJAAF0GMQTFgABIBUA0NQbHwCAATkACAD0AWz jAQDyAQAA
WAI5AFgCPiwf
ANTUGx8AgAE5AAgAWAI+LAAAWAIBAPIBOQD0AWz jHwDU4BEMAAAAAgHDADgMi7g
EQwAAAAANAgM
AOBQcm9qZWN0gFdpbGSAQm9va3OAKHNlZYBQaGl3b3NvcGh5gGFuZlBMZWFKZXJz
aGlwgGluGfFNj
aWVuY2WAQ2xhc3NyY29tGfByYWN0aW9uc4ICAgIDQARUAAAAsACQABWhmqfBCAASAV
ANBjb3Vyc2WA
cmVxdWlyZWlbnRzKS7QBBUAAAAsACQABQBqQFRgAASAVANDUGx8AgAE5AAgA9AFs
4wEA8gEAAFgC

OQBYAj4sHwDU1Bs fAIABOQAI AFgCPiwAAFGCAQDyATkA9AFs4x8A1OARDAAAAAI
BwwA4DMu4BEM
AAAAADQIDADggE1pc2N1bGxhbmVvdXOAbWF0ZXJpYWxzZGFuZIBzdXBwbGl1c4Bm
b3KAdGhlGGRl
dmVsb3BtZW50gG9mgGNvdXJzZyBwcm9qZWN0cy7QBBUAAAsACQABJht2FhkaASAV
ANDUGx8AgAE5
AAgA9AFs4wEA8gEAAFGCOQBYAj4sHwDU1Bs fAIABOQAI AFgCPiwAAFGCAQDyATkA
9AFs4x8A1MzU
Gx8AgAE5AAgA9AFs4wEA8gEAAFGCOQBYAj4sHwDU8gzy1Bs fAIABOQAI AFgCPiwa
AFgCAQDyATkA
9AFs4x8A1EF0dGVuZGFuY2UvUGFydG1jaXBhdGlvbVMM89QbHwCAATkACAD0AWz j
AQDyAQAAWAI5
AFgCPiwfANTUGx8AgAE5AAgAWAI+LAAAWAIBAPIBOQD0AWz jHwDU0AQVAAALAAkA
AfIcQhgbAAEg
FQDQ1Bs fAIABOQAIAPQBbOMBAPIBAABYAjKAWAI+LB8A1NQbHwCAATkACABYAj4s
AABYAgEA8gE5
APQBbOMfANTM1Bs fAIABOQAIAPQBbOMBAPIBAABYAjKAWAI+LB8A1NQbHwCAATkA
CABYAj4sAABY
AgEA8gE5APQBbOMfANSAGICAgICAgENsYXNzGHBhcnRPy2lwYXRpb26AaXOAYYB2
ZXJ5gG1tcG9y
dGFudIBhc3BlY3SAb2aAdGhpc4Bjb3Vyc2UugFdlgHdpbGyAYWxsGHN0YXJlgGHQ
BBUAAAsACQAB
vh4OGH0AASAVANDUGx8AgAE5AAgA9AFs4wEA8gEAAFGCOQBYAj4sHwDU1Bs fAIAB
OQAI AFgCPiwa
AFgCAQDyATkA9AFs4x8A1HJlc3BvbnNpYmlsaXR5gHRvG1ha2WAdGhlGNSYXNz
gHNlc3Npb25z
gHJlbGV2YW50gGFuZIBtZWfuaW5nZnVsLoBjboBvcmlcoBmb3KAdGhhdB0b4Bo
YXBwZW6AeW91
0AQVAAALAAKAAaQf9BoeAAEGFQDQ1Bs fAIABOQAIAPQBbOMBAPIBAABYAjKAWAI+
LB8A1NQbHwCA
ATkACABYAj4sAABYAgEA8gE5APQBbOMfANR3aWxsG5lZWSAdG+AYXR0ZW5kgGFs
bIBjbGFzc4Bz
ZXNzaW9ucyyAchJlcGFyZyBmb3KAY2xhc3OAYWhlYWSAb2aAdGltZyBhbmSAZW50
aHVzaWFzdG1j
YWxsedaEFQAACwAJAAGKINobHwABIBUA0NQbHwCAATkACAD0AWz jAQDyAQAAWAI5
AFgCPiwfANTU
Gx8AgAE5AAgAWAI+LAAAWAIBAPIBOQD0AWz jHwDUcGFydG1jaXBhdGWAaW6AZGlz
Y3Vzc2lvbiyA
ZGViyXRlgGFuZIBhbmFseXNpc4BvZoBiZWxpZWZzLoBUaG1zgGNhboBiZYBhgGNo
YWxsZW5nZYBh
ZnRlcoBhgGxvbmEaZGF50AQVAAALAAKAAhWbWgAAEGFQDQ1Bs fAIABOQAIAPQB
bOMBAPIBAABY
AjKAWAI+LB8A1NQbHwCAATkACABYAj4sAABYAgEA8gE5APQBbOMfANRvZoBzdHVk
ZW50gHRlYWN0
aW5nIYBJZoB0aGVyZyBpc4BhboBlbWVyZ2VuY3ksgG5vdG1meYBtZYBieYBlhG1h
aWyAb3KAbGV0
gHROZYBvZmZpY2Waa25vd4Bhc4Bzb29u0AEVAAALAAKAAVYiph0hAAEGFQDQYXOA
cmVhc29uYWJs

ZS6ASWaAeW91gGFyZYBpbGwsgHBsZWFzZYBicmluz4BhbobLeHBsYW5hdGlvboBi
eYBhgHBoeXNp
Y2lhboB0b4Bhdm9pZIBsb3NzG9mgGGAbGV0dGVy0AQVAAALAAkAATwjjB4iAAEg
FQDQ1Bs fAIAB
OQAIAPQBbOMBAPIBAABYAjkAWAI+LB8A1NQbHwCAATkACABYAj4sAABYA gEA8gE5
APQBbOMfANrn
cmFkZS6ATWlzc2luZ4Btb3JlgHRoYW6Ab25lgGnsYXNzGhdpbGyAcMVzdWx0gGlu
gHRoZYBsb3Nz
gG9mgGGAbGV0dGVyGdyYWRlgGZvcoBLYWNogGFic2VuY2Uu0AQVAAALAAkAASIk
ch8jAAEgFQDQ
1Bs fAIABOQAIAPQBbOMBAPIBAABYAjkAWAI+LB8A1NQbHwCAATkACABYAj4sAABY
AgEA8gE5APQB
bOMfANRNaxNzaW5ngG1vcMWAdGhhboB0d2+AY2xhc3Nlc4BtYXMAcmVzdWx0gGlu
gGGAVy9GLOBJ
ZoB0aGVyZYBhcmWAZXh0ZW51YXRpbmeAY2lyY3Vtc3RhbmNlcyzQBBUAAAsACQAB
CCVYICQAASAV
ANDUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYA j4sHwDU1Bs fAIABOQAI AFgCPiwa
AFgCAQDyATkA
9AFs4x8A1HBsZWFzZYBiZYBzdXJlgHRvgHRhbGuAd2l0aIBtZS7QBBUAAAsACQAB
7iU+ISUAASAV
ANDUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYA j4sHwDU1Bs fAIABOQAI AFgCPiwa
AFgCAQDyATkA
9AFs4x8A1MzUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYA j4sHwDU1Bs fAIABOQAI
AFgCPiwaAFgC
AQDyATkA9AFs4x8A1OARDAAAAAIBwwA4FBhcnRpY2lwYXRpb26Ac3RhcnRzGhdp
dGiAchJlCGFy
YXRpb24ugEl0gGlzG15gGV4cGVjdGF0aW9uHRoYXSAZWFjaIBjbGFzc4BwYXJ0
aWNpcGFudIB3
aWxs0AQVAAALAAkAAbonCiMnAAEgFQDQ1Bs fAIABOQAIAPQBbOMBAPIBAABYAjkA
WAI+LB8A1NQb
HwCAATkACABYAj4sAABYA gEA8gE5APQBbOMfANSAYmWAZnVsbHMAchJlCGFyZWSA
Zm9ygGVhY2iA
ZGF5gGhdmluz4ByZWFkgGFzc2lnbmVkgG1hdGVyaWFsc4BvcoBjb21wbGV0ZWSA
b3RoZXkAcMVx
dWlyZWSAd29yay7QBBUAAAsACQABocjwIygAASAVANDUGx8AgAE5AAgA9AFs4wEA
8gEAAFgCOQBY
Aj4sHwDU1Bs fAIABOQAI AFgCPiwaAFgCAQDyATkA9AFs4x8A1IBFZmZlY3RpdmWA
Y2xhc3OAcGFy
dGljaXBhbnRzGHRlbnMAdG+Ac2hhcmWAdGhlGZvbGxvZ2luZ4BjaGFyYWN0ZXJp
c3RpY3M60AQV
AAALAAkAAAYpliQpAAEgFQDQ1Bs fAIABOQAIAPQBbOMBAPIBAABYAjkAWAI+LB8A
1NQbHwCAATkA
CABYAj4sAABYA gEA8gE5APQBbOMfANTM1Bs fAIABOQAIAPQBbOMBAPIBAABYAjkA
WAI+LB8A1NQb
HwCAATkACABYAj4sAABYA gEA8gE5APQBbOMfANSA4BEMAAAAAagHDADgMS7gEQwA
AAAANAgMAOCA
VGhlgHBhcnRpY2lwYW50gGlzGGAZ29vZIBsaXN0ZW5lci7QBBUAAAsACQABUiu
JisaASAVANDU

Gx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYAj4sHwDU1BsFAIABOQAI AFgCPiwAAFgC
AQDyATkA9AFs
4x8A1OARDAAAAAIBwwA4DIu4BEMAAAAADQIDADggFBvaW50c4BtYWRlgGFyZYBy
ZWxldmFudIB0
b4B0aGWAZGlzY3Vzc2lvboBhbmSAbGlua2VkgHRvgHRoZYBjb21tZW50c4BvZoBv
dGhlcuMu0AQV
AAALAAkAATgsiCcsAAEgFQDQ1BsFAIABOQAIAPQBbOMBAPIBAABYAjKAWAI+LB8A
1NQbHwCAATkA
CABYAj4sAABYAgEA8gE5APQBbOMfANSA4BEMAAAAAgHDADgMy7gEQwAAAAANAgM
AOBDb21tZW50
c4BhZGSAdG+Ab3VygHVuZGVyc3RhbmRpbmeAb2aAdGhlgHNpdHVhdGlvb0BvcoBp
c3N1ZS7QBhUA
AAsACQABh1luKC0AASAVANDUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYAj4sHwDU
1BsFAIABOQAI
AFgCPiwAAFgCAQDyATkA9AFs4x8A1OARDAAAAAIBwwA4DQu4BEMAAAAADQIDADg
Q29tbWVudHOA
c2hvd4BldmlkZW5jZyBvZoBmb3JldGhvdWdodIBhbmSAYW5hbHlzaXMu0AQVAAAL
AAkAAbAEAAAA
AAEgFQDQ1BsFAIABOQAIAPQBbOMBAPIBAABYAjKAWAI+LB8A1NQbHwCAATkACABY
Aj4sAABYAgEA
8gE5APQBbOMfANTgEQwAAAAACAcMAOA1LuARDAAAAAA0CAwA4FRoZYBwYXJ0aWNp
cGFudIBpbnRl
cmFjdHOAd210aIBvdGhlc0BtZW1iZXJzG9mgHRoZYBjbGFzcyyAbm90gGp1c3SA
dGhlgGluc3Ry
dWN0b3Iu0AQVAAALAAkAAZyF5gABAAEgFQDQ4BEMAAAAAgHDADgNi7gEQwAAAA
NAGMAOBUaGWA
cGFydGljaXBhbnSAZGlzdGluZ3Vpc2hlc4BhbW9uZ4BkaWZmZXJlbnSAa2luZHOA
b2aAZGF0YyAo
aS5lLiyAZmFjdHMsgG9waW5pb25zLICA0AEVAAALAAkAAxwGzAECAAEgFQDQgICA
gICAgICAgICA
gICAgICAYmVsawVmcyyAZXRjLiku0AQVAAALAAkAAWIHsgIDAAEgFQDQzPIM8lVu
aXZlcuNpdHmA
b2aAR2VvcmdpYYBY2FkZW1pY4BIb25lc3R5gFBvbGljeFMM89AEFQAACwAJAAEu
CX4EBQABIBUA
0MxCZYBmYWlygGFuZIBob25lc3SAaW6AcmVwcmVzZW50aW5ngHlvdXKAd29ya4B0
b4BvdGhlcuMu
gFN0dWRlbnRzG9gHRoZYBVbml2ZXJzaXR5gG9mgEdlb3JnaWGAYXJl0AQVAAAL
AAkAAfoKSgYH
AAEgFQDQcmVzcG9uc2libGWAZm9ygG1haW50YWluaW5ngGFuZIBhZGhlcmluZ4B0
b4B0aGWAc3Ry
aWN0ZXN0gHN0YW5kYXJkc4BvZoBob25lc3R5gGFuZIBpbnRlZ3JpdHmAaW7QBBA
AAsACQAB4Asw
BwgAASAVANBl dmVyeYBhc3BlY3SAb2aAdGhlaXKAcHJvZmVzc2lvbmFsgGxpdmVz
LoBQbGVhc2WA
cmVmZXKAdG+AdGhlgHVuZGVyZ3JhZHVhdGWAYW5kgGdyYWR1YXRlgGJ1bGxldGlu
c9AEFQAACwAJ
AAHGDBYICQABIBUA0HRvgGJly29tZYBmYW1pbGhlc0B3aXRogHRoZYBY2FkZW1p
Y4BIb25lc3R5

gFBvbG1jeS7QBBUAAAsACQABrA38CAoAASAVANDM8gzyQ2xhc3OATWVldGluZ4BE
YXRlc/MM89AE
FQAACwAJAAF4D8gKDAABIBUA0MzTDoEAgo6AAAAAAAAAAAAAAAAAAAAAAAAACgA
//8AAAAAAAA
ADQBAAABAwABAwABMwEAAAAAAAAA
AAAAAAAAAAAA
AAAAAAAAAAAAAAAAAhAAAAAAAAAAAAAAAAAAAAAAAAACBANPSAigAAA8AAAAAAAAAC
AeQMASwBAWgQ
AAAAAAAAALAEKCOwBCgjKADSTW9uZGF5LIBKYW51YXJ5gDEz0AQVAAALAAkAAUQR
lAwOAAEgFQDQ
TW9uZGF5LIBKYW51YXJ5gDIw0AQVAAALAAkAAASoSeg0PAAEgFQDQVgh1cnNkYXks
gEphbnVhcnmA
MjPQBBUAAAsACQABEBNgDhAAASAVANBNb25kYXksgeZlYnJlYXJ5gDPQBBUAAAsA
CQAB9hNGDxEA
ASAVANBUaHVyc2RheSyARmVicnVhcnmANtAEFQAACwAJAAHcFCwQEgABIBUA0E1v
bmRheSyARmVi
cnVhcnmAMTfQBBUAAAsACQABwhUSERMAASAVANBNb25kYXksgeZlYnJlYXJ5gDI0
0AQVAAALAAkA
AagW+BEUAAEgFQDQzNAHFQAACwAJAAF0GMQTFgABIBUA0E1vbmRheSyARmVicnVh
cnmAMjTQBBUA
AAsACQABRBGUDBYAASAVANBNb25kYXksge1hcmNogDPQBBUAAAsACQABKhJ6DRcA
ASAVANBNb25k
YXksge1hcmNogDEw0AQVAAALAAkAARATYA4YAAEgFQDQTW9uLiyATWFyY2iAMTeA
gICAgIDUXxAA
AAyABQAAAAABEADUVUdB1F8QAAAGAAQAAAAAARA1IBTcHJpbmeAQnJlYWwQBBUA
AAsACQAB9hNG
DxkaASAVANBNb24uLIBNYXJjaIAyNICAgICAgFN0dWRlbnSAVGvHY2hpbmeAU3By
aW5ngeEJyZWFr
0AQVAAALAAkAAdwULBAaAAEgFQDQTW9uLiyATWFyY2iAMzGAgICAgIBQcm9qZWNO
gFdpbGSAKDIA
aHJzLinQBBUAAAsACQABwhUSERSAASAVANBNb25kYXksgeFwcm1sgDfQBBUAAAsA
CQABqBb4ERwA
ASAVANDQBxYAAAwACgABjhfeEh0AAQ8gFgDQ0gIoAAAGAAAAAAAAAQAAAAAAgHk
DAEsAQFoEACw
BJQRsASUESgA0tAEFQAACwAJAAFaGaoUHQABIBUA0Ed1b3JnaWGAU2NpZW5jZyBU
ZW5jaGVyc4BB
c3NvY2lhdGWAY29uZmVyc4BBZyZyBkZWt5bGyASXNsYW5k4BEMAAAAAMgZDADgRmVi
LoAxM4QxNdAE
FQAACwAJAAFAGpAVHgABIBUA0NRfEAAABgAFAAAAAAEQANRVR0HUXxAAAAAYABAAA
AAABEADUgFNw
cm1uZ4BCcmVha4CAgICAgICAgICAgICAgICAgICAgICAgICAgOARDAAAAABOEAWA
4OARDAAAAACU
EQwA4OARDAAAAADAEgWA4OARDAAAAAYFQwA4OARDAAAAABwFwwA4OARDAAAAADI
GQwA4E1hcmNo
gDE3hdIxgChub4BjbGFzcynQBBUAAAsACQABJht2Fh8AASAVANBSZWZsZWN0aW9u
c4BDbGFzc4BT
cHJpbmeAQnJlYWwAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgOAR
DAAAAABwFwwA

4OARDAAAAADIGQwA4E1hcmNogDI0gISAMjiAKG5vgGNsYXNzKdAEFQAACwAJAAEM
HFwXIAABIBUA
0E5hdGlvbmFsGfFNjaWVuY2WAVGVhY2hlcoBbc3NvY21hdGlvboCAGICAgICAgICA
gICAgICAgICA
gICAgICAgIDgEQwAAAAAcBcMAODgEQwAAAAAyBkMAOBNYXJjaIAyM4CEgDMw0AQV
AAALAakAAfIc
QhghAAEgFQDQTmF0aW9uYWYwAQXNzb2NpYXRpb26AZm9yGfJlc2VhcmNogGluGfFNj
aWVuY2WAVGVh
Y2hpbmeAgICAgICAgICAgOARDAAAAADIGQwA4E1hcmNogDIzgISAMzDQBBUAAAAsA
CQAB2B0oGSIA
ASAVANBQUk9KRUNUGfDpbGSAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA
gICA4BEMAAAA
AGgQDADg4BEMAAAAAJQRDADg4BEMAAAAAMASDADg4BEMAAAAABgVDADg4BEMAAAA
AHAXDADgTWFy
Y2iamZHQBBAAsACQABvh4OGiMAASAVANDM8gzyQ291cnNlgEFzc2lnbm11bnRz
L0dyYWRpbmFz
DPPQBBUAAAAsACQABiiDaGyUAASAVANDMTm+AZXhhbXOAaW6AdGhpc4Bjb3Vyc2XQ
BBUAAAAsACQAB
ViKmHScAASAVANDMUGVyc29uYWYwAVGVhY2hpbmeATWV0YXBob3KAgICAgICAgICA
gIDgEQwAAAA
aBAMAODgEQwAAAAAlBEMAODgEQwAAAAAwBIMAOAxNYAl0AQVAAALAakAAStkch8p
AAEgFQDQzFlv
dYB3aWxsGGRldmVsb3CAYYBwZXJzb25hbIB0ZWFjaGluz4BtZXRhcGhvcoB0aGF0
gHJlZmx1Y3Rz
gHlvdXKAY3VycmVudIBiZWxpZWZzGfNvbmN1cm5pbmeAdGhl0AQVAAALAakAAe4l
PiErAAEgFQDQ
cm9sZS9pbWFnZyBvZoaic2NpZW5jZyB0ZWFjaGVyLiKAWW91coBtZXRhcGhvcoBz
aG91bGSAYmWA
dHlwZWQsgGRvdWJsZyRzcGFjZWSAYW5k0AQVAAALAakAAAdQmJCiSAAEgFQDQYXBw
cm94aW1hdGVs
eYAZhDSAcGFnZXOAaW6AbGVuZ3RoLoBZb3WAbWF5gHdhbnSAdG+AaW5jbHVkZyBh
gGdyYXBoaWoa
b3JnYW5pemVygHdpdGiAeW91ctAEFQAACwAJAAG6JwojLQABIBUA0G1ldGFwaG9y
LtAEFQAACwAJ
AAGgKPAjLgABIBUA0MxDbGFzc3Jvb22AQ2FzZYCAgICAgICAgICAgICAgICAgICA
gOARDAAAAAAQ
DgwA4OARDAAAAAA8DwwA4OARDAAAAABoEAWA4OARDAAAAACUEQwA4OARDAAAAADA
EgwA4IAzMdXQ
BBUAAAAsACQABbCq8JTAAASAVANDMWW91gHdpbGyAZGV2ZWxvcIBhgHdyaxR0ZW6A
Y2FzZYBuYXJy
YXRpdmWAZmVhdHVyaW5ngGAZGlsZW1tYYBvcoBjaGFsbGVuZ2WAeW91gGVuY291
bnRlcoBkdXJp
bmfQBBUAAAAsACQABOCyIJzIAASAVANB5b3VyGfHN0dWRlbnSAdGVhY2hpbmeAZm11
bGSAZXhwZXJp
ZW5jZS6AV2WAd2lSbIBkaXNjdXNzGfNldmVYyWYAY2FzZXOAaW6AY2xhc3OAYXOA
YW6AZXhhbXBs
ZS7QBhUAAAAsACQABHi1uKDMAASAVANCH0akVAAALAakAAAbAEAAAAAAAEgFQDQ1F8Q
AAAGAAACAAAA

ABAA1FlvdYB3aWxsgGV4Y2hhbmdlGh1vdXKAY2FzZYB3aXRogGGAY2xhc3NtYXRl
gHdob4B3aWxs
gGRldmVsb3CAYYB3cml0dGVugHJlYWN0aW9ugHRvgHROzdAEFQAACwAJAAGwBAAA
AAABIBUA0GRp
bGVtbWGAaW6AeW91coBjYXNlLoBTcGVjaWZpY4BndWlkZWxpbmVzGZvc0B0aGlz
gGFzc2lnbm1l
bnSAd2lsbIBiZyBwcm92aWRlZC7QBBUAAAsACQABlgXmAAEAASAVANDMVGvHY2hl
coBjbnFlaXJ5
gFBYb2ply3SAgICAgICAgICAgICAgICAgICA4BEMAAAAAGgQDADg4BEMAAAAAJQR
DADg4BEMAAAA
AMASDADgMzAl0AQVAAALAAkaAAWIHsgIDAEEgFQDQzFlvdYB3aWxsgHBsYW6AYW5k
gGltcGxlbWVu
dIBhgG1pbmmEdGVhY2hpbmeAaW5xdWlyeYB0b4BleGFtaW5lgGGAImJ1cm5pbmeA
cXVlc3Rpb24i
gG9ygHNtYWxs0AQVAAALAAkaAS4JfgQFAAEgFQDQY29tcG9uZW50gG9mgHlvdXKA
dGVhY2hpbmeA
dGhhdIB5b3WAd2lzaIB0b4ByZWZpbmWAYW5kL29ygGNoYW5nZS6AVGhlgZvY3Vz
gG9mgHlvdXKA
aW5xdWlyeAEFQAACwAJAAEUCmQFBgABIBUA0HByb2ply3SAC2hvdWxkgGJlgGGA
bmF0dXJhbIBw
YXJ0gG9mgHlvdXKAdGVhY2hpbmeAKGZvc0BleGFtcGxlgGludmVzdGlnYXRpbmeA
dGhlgGVmZmVj
dGl2ZW5lc30Ab2bQBBUAAAsACQAB+gpKBgcAASAVANB2YXJpb3VzGcJhbHRlcm5h
dGl2ZYBhc3Nl
c3NtZW50gHRlY2huaXF1ZXM7gGV4cGxvcmluZ4B3YXlZgHRvgG1ha2WAYWNjb21t
b2RhdGlvbnoA
Zm9y0AQVAAALAAkaAAeALMAcIAAEgFQDQc3R1ZGVudHOAd2l0aIBzcGVjaWFsgG5l
ZWRzKS6AWW91
gHdpbGyAc2hhcmWAd2hhdIB5b3WAbGVhcm6AdGhyb3VnaIBhboBpbnFlaXJ5gHJl
cG9ydIBhbmSA
cG9zdGVy0AQVAAALAAkaAAcYMFggJAAEgFQDQcHJlc2VudGF0aW9uLoBTcGVjaWZp
Y4BndWlkZWxp
bmVzGZvc0B5b3VyGhJlcG9ydIB3aWxsgGJlgHByb3ZpZGVkLTAEFQAACwAJAAGs
DfwICgABIBUA
0MxCZXN0gFByYWN0aWNlgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICA4BEM
AAAAADwPDADg
4BEMAAAAAGgQDADg4BEMAAAAAJQRDADg4BEMAAAAAMASDADgMTU10AQVAAALAAka
AXgPyAoMAAEg
FQDQzFNlbGVjdIBhboBhY3Rpdml0eSyAaWRlYSyAZXRjLoB0aGF0gHlvdYBpbXBs
ZW1lbnRlZIBk
dXJpbmeAeW91coBzdHVkZW50gHRlYWN0aW5ngGV4cGVyaWVuY2UugFlvddAEFQAAC
wAJAAAFEEZQM
DgABIBUA0HNob3VsZIBzZWxly3SAYW6AYWN0aXZpdHmAb3KAaWRlYyB0aGF0gHJl
cHJlc2VudHOA
eW91coAiYmVzdIBleHB1cmllbmNlIi6AQWNjb3JkaW5nbHksghRoZdAEFQAACwAJ
AAEgEnoNDwAB
IBUA0GFjdGl2aXR5L2lkZWGAeW91gHNoYXJlgHdpdGiAdGhlgGNsYXNzghNob3Vs
ZIBiZyB1bnVz

dWfSbHmAY3JlYXRpdmWAb3KAaW5ub3ZhdGl2ZSyAc29tZXRoaw5ngHRoYXTQBBUA
AAsACQABEBNg
DhAAASAVANB3YXOAdmVyeYBlZmZlY3RpdmWAZnJvbYBhboBpbnN0cnVjdGlvbmFs
gHBvaW50gG9m
gHZpZXCugFByZXBhcmWAYYBicml1Z0BkZWlVbnN0cmF0aW9uL21vZGVsgG9m0AQV
AAALAaKAAfYT
Rg8RAAEgFQDQdGhpc4BiZXN0gHByYWN0aWNlGHRvgHNoYXJlgHdpdGiAdGhlgGNS
YXNzLoBEZXZl
bG9wgGGAb25lhHBhZ2WAZGV0YWlsZWSAZGVzY3JpcHRpb26Ab2aAeW91coBiZXN0
0AQVAAALAaKa
AdwULBASAAEgFQDQcHJhY3RyY2Uu0AQVAAALAaKAAcIVEhETAEEgFQDQzFZpZGVv
gFRhcGWAUHJl
c2VudGF0aW9uL1JlZmxlY3Rpb26AgICAgICAgICA4BEMAAAAAMASDADgMTAl0AQV
AAALAaKAAAY4X
3hIVAAEgFQDQzER1cm1uZ4B5b3VygHN0dWRlbnSAdGVhY2hpbmcsGh1vdYB3aWxs
gHZpZGVvdGFw
ZYBhboBlcGlzb2RlgG9mgH1vdXKAc2NpZW5jZyB0ZWJjaGluZy6AKE5vdGU60AQV
AAALAaKAAVoZ
qhQXAAEgFQDQVghlgHZpZGVvdGFwZXOAYXJlgG5vdIB1c2VkgGZvc0B1bml2ZXJz
aXR5gHJlc2Vh
cmNogHB1cnBvc2Vz04B0aGV5gGFyZyBpbnRlbnRlZlBmb3KAeW91ctAEFQAACwAJ
AAFAGpAVGAAB
IBUA0Gx1YXJuaW5nLimAVGhlgGVwaXNvZGWA2hvdWxkgGJlgHRhcGVkgHdpdGhp
bi6AVGhlgGZp
cnN0gGZpdmWAd2Vla30Ab2aAc3R1ZGVudIB0ZWJjaGluZy6AQWZ0ZXLQBBUAAAAsA
CQABJht2Fhka
ASAVANB0aGWAdGFwaW5nLIByZXZpZXEaEw91cnNlbGaAdGVhY2hpbmeAc2NpZW5j
ZYBhbmSAYW5z
d2VygHF1ZXN0aW9uc4B0aGF0gGFyZyBhaW1lZlBhdIBoZWxwaW5ngH1vddAEFQAA
CwAJAAEMHFwX
GgABIBUA0GNyaXRpY2FsbHmAYW5kgHJlZmxlY3RpdmVseYBleGFtaW5lgH1vdXKA
dGVhY2hpbmcu
gFlvdYB3aWxsG1ha2WAYYBzaG9ydIBwcmVzZW50YXRpb26Ab2aAeW91ctAEFQAA
CwAJAAHYHEIY
GwABIBUA0HZpZGVvGHRhcGVkgHRlYWN0aW5ngGVwaXNvZGUu0AQVAAALAaKAAAdgd
KBkcAAEgFQDQ
zPIM8lJlZmVYZW5jZXPzDPPQBBUAAAAsACQABpB/0Gh4AASAVANDM1F8QAAAGAAUC
AAIAARAA1EZv
c25vdNRfEAAABgAEAgACAAEQANQsgEMuVC6AKDE5ODkpLoBJbnF1aXJpbmeAdGVh
Y2hlcNMsgGlu
cXVpcmluZ4BsZWJybmVyczqAQYDUXxAAAAYABQIAAgABEADUY29uc3RydWN0aXZp
c3TUXxAAAAYA
BAIAAgABEADUGGFwcHJvYWNogGZvctAEFQAACwAJAAFWIcAcIAABIBUA0HRlYWN0
aW5nLoBOZXeA
WW9yazqAVGVhY2hlcnoAQ29sbGVnZYBQcmVzcy7QBBUAAAAsACQABViKmHSEAASAV
ANDM1F8QAAAG
AAUCAIAARAA1E5pY2hvbHPUXxAAAAYABAIAGABEADULIBTLiyAlF8QAAAGAAUC
AAIAARAA1FRp

AAAAAwYAPQA+AAAAAAA/AAAABiCEAgIAAAAAAIRBANDUBRUAAAMA AFMAdwrHBSQK
dAUVANTTBGAA
AEAAAbaEFAAsAQBYAgCwBAAIBwA0CABgCQCMcG4CwDkDAAQDgA8DwBoEACUEQDA
EgAYFQBwFwDI
GQAgHAB4HgDQIAGwBAYALAEAWAKCWAIANAgAYAmKWAJgANPyDPJDcm10ZXJpYfMM
89ALTgCAAkMA
RAA/ACcAAXcKxwUJAAEDaiIAAAAAAMKEAAAAAOGAEAAQQA AEIAPwAAAAAYggAAA
AICCEACCgwAA
g4QCAgAAAAAAhE4A0NQFFQAAA wAAUwCmDPYHUwyjBxUA1NMEVwAANAABsAQOACwB
AFgCALAEAAgH
ADQIAGAJALgLABA0AGgQAMASABgVAHAXAMgZACAcAHgeANAgAbAEBwAsAQBYAoJY
AgA0CIksAQAY
FYVYAlcA00V4Y2VwdGlvbmFsgNAEFQAACwAJAAGmDPYHCgABIBUA0DI3gISAMzDQ
Cj8AgARFAEYA
AABHACwAIQABja3cCAsAAQMCIGAAAAAAwYAQwBEAAAAAAAAAAAAABiCEAAAAAAAA
AIQ/ANDUBRUA
AAMA AFMAppgz2B1MMowcVANTTBGAAAEAAAbaEFAAsAQBYAgCwBAAIBwA0CABgCQCM
CgC4CwDkDAAQ
DgA8DwBoEACUEQDAEgAYFQBwFwDIGQAgHAB4HgDQIAGwBAYALAEAWAKCWAIANAgA
YAmKWAJgANNL
ZXmAY29tcG9uZW50c4BhbmSAZXh0ZW5zaXZlGhJlbGF0ZWSAYmFja2dyb3VuZIBp
bmZvcmlhdGlv
boBwcm92aWR1ZC7QBBUAAAsACQABpgz2BwwAASAVANBQcm92b2t1c4BhgGdyZWF0
gGRlYWYAb2aA
bWVhbmluZ2Z1bIByZWZsZWN0aW9uLoCAQmFja2dyb3VuZIBpbmZvcmlhdGlvb tAB
FQAACwAJAAGM
DdwIDQABIBUA0GV4Y2VwdGlvbmFsbHmAd2VsbIBkZXZlbG9wZWSAYW5kgHN0cm9u
Z2x5gGxpbmt1
ZIB0b4BkaWxlblw1hLoCAUHJvYmx1bXpQARUAAAsACQABcg7CCQ4AASAVANBsZWFk
gHRvgG1vcmlWA
cXVlc3Rpb25zLoCAVGl0bGWAaXOAY29tcGVsbGluZy6AgEFic3RyYWN0gGludGVy
ZXN0aW5ngGFu
ZNABFQAACwAJAAFYD6gKDwABIBUA0GNhdGN0ZXOAcMvhZGVyc4BpbnRlcmVzdC7Q
C0UAgAJIAEKA
NgAeAAE+EI4LEAABChAAAAAKBgBFAEYAAABHAAAAAAGIIAAAACAgHAAgoMAAIOE
AgIAAAAAAIRF
ANDUBRUAAAMA AFMAhXHXDDQRhAwVANTTBFCaADQAAbAE EAAsAQBYAgCwBAAIBwA0
CABgCQC4CwAQ
DgBoEADAEgAYFQBwFwDIGQAgHAB4HgDQIAGwBACALAEAWAKCWAIANaiJLAEAGBWF
WAJXANNWZXJ5
gEdvb2TQBBUAAAsACQABhxHXDBEAASAVANAYNICEgDI30Ao/AIAESgBLAAAATAAS
ACEAAW0SvQ0S
AAEDaiIAAAAAAMGAEGASQAAAAAAAAAAAAAYghAAAAAAAAACEPwDQ1AUVAAADAABT
AICr1ww0EYQM
FQDU0wRgAABAAAGwBBQALAEAWAIAsAQACAcANAgAYAKajAoAuAsA5AwAEA4APA8A
aBAAlBEAwBIA
GBUAcBcAyBkAIBwAeB4A0CABsAQGACwBAFgCglgCADQIAGAJilgCYADTS2V5gGNv
bXBvbmVudHOA

cHJlc2VudIBhbmSAYWRkaXRpb25hbIBpbmZvcmlhdGlvboBwcm92aWRlZC6AgFBy
b3Zva2Vz0AEV
AAALAAkAAyCr1wwTAAEgFQDQbWVhbmLuZ2Z1bIByZWZsZWN0aW9uLoCAQmFja2dy
b3VuZIBpbmZv
cm1hdGlvboBkZXZlbG9wZWSAYW5kgGxpbmtlZIB0b9ABFQAACwAJAAfTEr0NFAAB
IBUA0GRpbGVt
bWEugIBQcm9ibGVtG5vdIBlYXNpbHmAc29sdmVkLoCAVGl0bGWAaXOAaW50
ZXJlc3Rpbmcu
gIBBYnN0cmFjdNABFQAACwAJAAfTE6MOFQABIBUA0GFjY3VyYXRlbHmA ZGVzY3Jp
YmVzGnHc2Uu
0AtFAIACTQBOADYAHgABORSJDxYAAQoQAAAAACgYASgBLAAAATAAAAAAABiCAAAAA
gIIQAIKDAACD
hAICAAAAACERQDQ1AUVAADAABTAIIV0hAvFX8QFQDU0wRXAAA0AAGwBBAALAEA
WAIAsAQACAcA
NAgAYAkAuAsAEA4AaBAAwBIAGBUAcBcAyBkAIBwAeB4A0CABsAQHACwBAFgCglgC
ADQIiSwBABgV
hVgCVwDTQXZlcmFnZYDQBBUAAAsACQABghXSEBcAASAVANAYMYCEgDI00Ao/AIAE
TwBQAAAAUQAs
ACEAAWgWuBEYAAEDAiIAAAAAAMGAE0ATgAAAAAAAAAAAAAYghAAAAAAAAACEPwDQ
1AUVAADAABT
AIIV0hAvFX8QFQDU0wRgAABAAAGwBBQALAEAWAIAsAQACAcANAgAYAkAjAoAuAsA
5AwAEA4APA8A
aBAALBEAwBIAGBUAcBcAyBkAIBwAeB4A0CABsAQGACwBAFgCglgCADQIAGAJilgC
YADTS2V5gGnv
bXBvbWVudHOAcHJlc2VudHOAYnV0gHVuZGVyZGV2ZWxvcGVkLoCAUHJvdmlkZXOA
c29tZYBtZWFu
aW5nZnVs0AEVAAALAAkAAyIV0hAZAAEgFQDQcmVmbGVjdGlvbi6AgEJhY2tncm91
bmSAaW5mb3Jt
YXRpb26AZGV2ZWxvcGVkLIBidXSAbm90gHN0cm9uZ2x50AEVAAALAAkAAWgWuBEA
AAEgFQDQbGlu
a2Vkl3JlZmVyzW5jZWSAdG+AZGlsZW1tYS6AgFByb2JsZW2AaXOA c29tZXdoYXSA
dmFndWwAb3KA
YWJzdHJhY3Q7g5vdNABFQAACwAJAAFOF54SGwABIBUA0GRldGFpbGVkLoCARWFz
eYBzb2xldGlv
bnOAcHJvdmlkZWSAYnmAcmVhZGVyGZvc0BjYXNlLtALRQCAAlIAUwA2AB4AATQY
hBMcAAEKEAAA
AAoGAE8AUAAAAFEAAAAAAAYggAAAAICCEACCgwAAg4QCAgAAAAAAhEUA0NQFFQAA
AwAAUwB9Gc0U
Kh16FBUA1NMEVwAANAABsAQQACwBAFgCALAEAAgHADQIAGAJALgLABAOAGgQAMAS
ABgVAHAXAMgZ
ACAcAHgeANAgAbAEBwAsAQBYAoJYAgA0CIksAQAYFYVYAlcA00ZhaXLQBBUAAAsA
CQABfRnNFB0A
ASAVANAxOICEgDIx0Ao/AIAEVABVAAAAVgAsACEAAWMasxUeAAEDAiIAAAAAAMG
AFIAUwAAAAA
AAAAAYghAAAAAAAAACEPwDQ1AUVAADAABTAH0ZzRQqGXoUFQDU0wRgAABAAAGw
BBQALAEAWAIA
sAQACAcANAgAYAkAjAoAuAsA5AwAEA4APA8AaBAALBEAwBIAGBUAcBcAyBkAIBwA
eB4A0CABsAQG

gAE5AAgA9AFs4wEA8gEAAFgCOQBYAj4sHwDU1Bs fAIABOQAI AFgCPiwAAFgCAQDy
ATkA9AFs4x8A
1MzUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYAj4sHwDU1Bs fAIABOQAI AFgCPiwA
AFgCAQDyATkA
9AFs4x8A1E1OUVVJUlmAUFJPSkVDVIBSVUJSSUPzDPPQBBUAAAsACQABF ApkBOYA
ASAVANDTBQwA
AAEAAAIMANPMzNQqcACDBF4AAAAAF8ACgAABLAEEAAA ZAAAAgAGAAAABLAEEAAA
ZADcBVYARgAA
AAAAAAAAAAAA3AUAnBhWAFYAAAAAAAAAAAAAAJwYOWAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAsAQo
I7AEKCNwANTULBsAABEAA NwFVgBGAAAAAAAAAAAAAAAAAbANTULBsAABEAAJwYVgBW
AAAAAAAAAAAA
AAAbANTUKwoAAwAACgDU0As8AIAFYABhAAAAAA/ACcADwABxgwWCAkAAR/GDBYI
HyCAAAAAGIIQ
AIKDAACDhAICAAAAACEPADQ1AUVAAADAABTACkNeQjWDCYIFQDU8gzyUG9zc2li
bGXQBBUAAAsA
CQABKQ15CAoAASAVANDUGx8AgAE5AAgA9AFs4wEA8gEAAFgCOQBYAj4sHwDU1Bs f
AIABOQAI AFgC
PiwAAFgCAQDyATkA9AFs4x8A1FBvaW50c/MM89AKQQCABWIAYwAAAGQAPwAsACEA
AQ8OXwkLAAED
AiIAAAAAAMGAGAAyQAAAAAPwAAAYghAICAAAAACEQQDQ1AUVAAADAABTACkN
eQjWDCYIFQDU
8gzyQ3JpdGVyaWHzDPPQC04AgAJLAGYAPwAnAAEpDXkIDAABAwIiAAAAAADChAA
AAAKBgBiAGMA
AABkAD8AAAAGIIAAAACAgHAAgoMAAIOEAgIAAAAAAIROANDUBRUAAAMAAFMAWA+o
CgUPVQoVANRF
eGNlbGx1bnSA0AQVAAALAAkAAVgPqAoNAAEgFQDQMjiAhIAzMNAKpWCABGcAaAAA
AGkALAAhAAE+
EI4LDgABAwIiAAAAAADBgBlAGYAAAAAAAAAAAAAGIIQAAAAAAAAAAhD8A0NQFFQAA
AwAAUwBYD6gK
BQ9VChUA1E1lZXRzGfSbIByZXF1aXJlbWVudHMugIBQcm92aWRlc4Bnb29kgGhp
c3RvcnmAYW5k
gHJlYXNvboBmb3KAchJvamVjdC6AgFVzZXPQARUAAAsACQABWA+oCg8AASAVANBj
cmVhdG12ZYB0
ZWNobmlxdWVzGZvcoBnYXRozXJpbmeAaW5mb3JtYXRpb24ugIBRdWVzdGlvboBy
ZWxldmFudIBh
bmSAd2VsbNABFQAACwAJAAE+EI4LEAABIBUA0HN1cHBvcnRlZC6AgFNpZ25pZmlj
YW50gGV2aWRl
bmNlgG9mgGRldmVsb3BtZW50gGFuZIBsZWFybm1uZ4Bhc4BhgHRlYWN0ZXIugNAB
FQAACwAJAAEk
EXQMEQABIBUA0FN1Z2dlc3Rpb25zGZvcoBmdXJ0aGVyGGRldmVsb3BtZW50LoCA
UmVmbGVjdGlv
boBvboB0ZWFjaGVy8BwE8HOAbGVhcm5pbmeAaXPQARUAAAsACQABChJaDRIAASAV
ANBjb21wbGV4
LtALRQCAAmoAawA2AB4AAfASQA4TAAEKEAAAAAoGAGcAaAAAAGkAAAAAAAYggAAA
AICCEACCgWAA
g4QCAgAAAAAAhEUA0NQFFQAAAwAAUwA5FIkP5hM2DxUA1Edvb2TQBBUAAAsACQAB
ORSJDxQAASAV

ANAYNICEgDI30Ao/AIAEbABtAAAAbgAsACEAAR8VbxAVAAEDAIIAAAAAAMGAGoA
awAAAAAAAAAA
AAYghAAAAAAAAACEPwDQ1AUVAADAABTADkUiQ/mEzYPFQDUTWVldHOAYWxsgHJl
cXVpcmVtZW50
cy6AgFNvbWWAY3JlYXRpdml0eYBhbmSACGVyc29uYWxpemF0aW9uLoCAUXVlc3Rp
b27QARUAAAsA
CQABORSJDxYAASAVANByZWxldmFudIBhbmSAC3VwcG9ydGVkLoCAgEV4aGliaXRz
gG1pbmltdW2A
ZXZpZGVuY2WAb2aAbGVhcm5pbmeAYW5k0AEVAAALAAkaAR8VbxAXAAEgFQDQZGV2
ZWxvcG1lbnSA
YXOAdGVhY2hlci6AgFJlZmxlY3Rpb26Ab26Ac2ltcGxlgGxldmVsghdPdGiAcmVz
cGVjdIB0b4B0
ZWFjaGluZ9ABFQAACwAJAAEFFlURGAABIBUA0HJlbGV2YW5jZS7QC0UAgaJvAHAA
NgAeAAHrFjsS
GQABChAAAAAKBgBsAG0AAABuAAAAAAGIIAAAACAgHAAgoMAAIOEAgIAAAAAAIRF
ANDUBRUAAAMA
AFMANBiEE+EXMRMVANRGYwly0AQVAAALAAkaAATQYhBMAAAEgFQDQMTaAhIAyM9AK
PwCABHEAcgAA
AHMALAAhAAEAAGWoUGwABAwIiAAAAAADBgBvAHAAAAAAAAAAAAAAAAAGIIQAAAAAAAA
hD8A0NQFFQAA
AwAAUwA0GIQT4RcxExUA1E1lZXRzG1vc3SACmVxdWlyZW1lbnRzLoCATGl0dGxl
gG9ygG5vgGNy
ZWF0aXZpdHmAb3KAACGVyc29uYWxpemF0aW9uLoDQARUAAAsACQABNBiEEExwAASAV
ANBRdWVzdGlv
boByZWxldmFudIBhbmSAC3VwcG9ydGVkLoCAVmVyeYBsaXR0bGWAZGV2ZWxvcG1l
bnSAb3KAbGVh
cm5pbmeAYXOAYdABFQAACwAJAAEAAGWoUHQABIBUA0HRlYWNoZXIu0AtHAIADdABl
AHYANgAeAAEA
GlAVHgABChAAAAAKBgBxAHIAAABzAAAAAAGIIAAAACAgHAAgoMQAIOEAgIAAAAA
AIRHANDUBRUA
AAMA AFMASRuZfVYarhYVANRQb29y0AQVAAALAAkaAAUkbmRYfAAEgFQDQMICEgDE1
0Ao/AIAEdwB4
AHkAegAsACEAAS8cfxcgAAEDAIIAAAAAAMGAHQAdQB2AAAAAAAAAYghAAAAAA
AAACEPwDQ1AUV
AAADAABTAekbmRb2GkYWFQDUTWVldHOAZmV3gHJlcXVpcmVtZW50cy6AgE5vgGNy
ZWF0aXZpdHks
gG5vgHB1cnNvbWfsaXphdGlvbi6AgFNob3dzgG5v0AEVAAALAAkaAAUkbmRYhAAEg
FQDQZXZpZGVu
Y2WAb2aAbGVhcm5pbmeAb3KAZGV2ZWxvcGluZ4Bhc4BhgHRlYWNoZXIu0gIBRdWVz
dGlvboBsYWNr
aW5ngGlu0AEVAAALAAkaAAS8cfxcIAAEgFQDQcmVsZXZhbmNlgG9ygHN1cHBvcnQu
0BEuAAAKACIA
ARUDzRgjAAEKAAQAaONBAANBgB3AHgAeQB6AAAAAAGIC4A0MzMzNQBhWCAATkA
CADuAtueCADu
AgAAWAI5AFgCPiWfANTQCRUAAAsACQABvSANHCYAASAVANDTBQwAAAEAAgAMANPy
DPLyDvJGawVs
ZIRiYXNlZIBNaW5phGlucXVpcnmAUHJvamVjdPMO89QbHwCAATkACAD0AWzjaQDy
AQgA7gI5A04C

254fANTUGx8AgAE5AAgA7gLbnggA7gIBAPIBOQD0AWz jHwDU0AQVAAALAAkAAbAE
AAAAAAEgFQDQ
1Bs fAIABOQAIAPQBbOMBAPIBCADuAjkA7gLbnh8A1NqbHwCAATkACADuAtueCADu
AgEA8gE5APQB
bOMfANQzMCXzDPPQBbUAAAACQABzwUfAQEAAASAVANDTBQwAAAEAAAIMANPMgICA
gICARHVyaW5n
gHlvdXKAc3R1ZGVudIB0ZWFjaGluZ4BleHB1cml1bmN1LIB5b3WAd21sbIBkZXNp
Z26AYW5kgGNh
cnJ50AQVAAALAAkAAQ0IXQMDAAEgFQDQb3V0gGFugGlucXVpcnmAcHJvamVjdIB0
b4BsZWFyboBt
b3JlgGFib3V0gGGAImJ1cm5pbmeAcXVlc3Rpb24igHJlbGF0ZWSAdG/QBBUAAAAsA
CQABLA18BAQA
ASAVANB5b3VyghNjaWVuY2WAdGVhY2hpbmeAYW5kgGx1YXJuaW5nLoBZb3WAd21s
bIBkZXZ1bG9w
gGFugGlucXVpcnmAcHJvamVjdNAEFQAACwAJAAFLCpsFBQABIBUA0HJlcG9ydIBh
Y2NvcMRpbmeA
dG+AdGhlgZvcm1hdIBwcm92aWRlZIBhbmSAcHJlc2VudIB0aGWAzmluZGluZ3OA
b2aAeW91ctAE
FQAACwAJAAfQc7oGBgABIBUA0GlucXVpcnmAdG+AdGhlgGNsYXNzghRocm91Z2ia
YYBwb3N0ZXKA
c2Vzc2lubi7QBBUAAAAsACQABiQzZBwcAASAVANDM0wUMAAABAAIADADT8g7yVGhl
gElucXVpcnmA
UHJvamVjdPMO89AEFQAACwAJAAHHDhcKCQABIBUA0NMFDAAAAQAAAgwA08xQQVJU
gEk6gIDgEQwA
AAAAYakMAOBIaXN0b3J5gGx1YWRpbmeAdG+AdGhlgGludGVyZXN0gGlugHlvdXKA
YnVybm1uZ4Bx
dWVzdGlubi7QBBUAAAAsACQABBRFVDAsAASAVANDM4BEMAAAAAAAgHDADg8AME8OAR
DAAAAABgCQwA
4Ehpc3RvcnmAYXOAYYBsZWFybmVygGFuZIB0ZWFjaGVy0AQVAAALAAkAAUMTKw4N
AAEgFQDQ4BEM
AAAAAAgHDADg8AME8OARDAAAAABgCQwA4Ehpc3RvcnmAb2aAbXmAc2Nob29sL2Nv
bw11bm10edAE
FQAACwAJAAfiFLIPDgABIBUA0OARDAAAAAIBwwA4PADBPDgEQwAAAAAYakMAOBU
aGVtZXOAYW5k
gGlzc3Vlc4BhcmlzaW5ngGZyb22AbXmAaGlzdG9yeYBhbmQvb3KAbXmAgICAgICA
gICA0AEVAAAL
AAkAAyEV0RAPAAEgFQDQcHJhY3Rpb2WAdGhhdIBjb250cm1idXRlgHRvG15gGlu
dGVyZXN0gGlu
gHRoaXOAcXVlc3Rpb27QBBUAAAAsACQABoBbwERAAASAVANDMUEFSVIBJSTqA4BEM
AAAAAGAJDADg
V2h5gGlzghRoaxOAYW6AaW1wb3J0YW50gHF1ZXN0aW9uHRvGfzayyAYW5kgHdo
YXSAZG+ASYB3
YW50gICAgICAgICA0AEVAAALAAkAAAd4YLhQSAAEgFQDQgHRvGJlgGFibGWAdG+A
ZG+Ad210aIB0
aGWAaW5mb3JtYXRpb26ASYBnYXRozXKAyW5kgGFuYWx5emU/gICAgICAgICAgICA
V2hhdIBkb4BJ
0AEVAAALAAkAAf0ZTRUTAAEgFQDQd2FudIB0b4BiZYBhYmxlgHRvGHnheYBzb21l
dGhpbmeAYWJv

dXQ/0AQVAAALAAkAARwbbBYUAAEgFQDQzFBBU1SASU1J0oDgEQwAAAAAYakMAOJB
bnF1aXJ5gFF1
ZNX0aW9uc4BhbmSAU3VihHF1ZNX0aW9uc9AEFQAACwAJAAFaHaoYFgABIBUA0MxQ
QVJUgElW0oDg
EQwAAAAAYakMAOBBY3Rpdml0eYBTZXR0aW5n0AQVAAALAAkAAZgf6BoYAAEgFQDQ
gICAgICAgICA
gICA4BEMAAAAGAJDADgV2hhdIBwYXJ0gG9mgHRoZYBkYXksGhdoYXSAYXNwZWN0
c4BvZoBwcmFj
dG1jZyBkaWSAeW91gHN0dWR5P9AEFQAACwAJAAG3IAccGQABIBUA0ICAgICAgICA
gICAgOARDAAA
AABgCQwA4E9yGhdoYXSAC3BLY2lmaW0AdGVhY2hpbmcbGVhcm5pbmeAZW5nYWdl
bWVudHOAZGlk
gHlvdYCAgICAgICAgICA0AEVAAALAAkAAAdYhJh0aAAEgFQDQaW52ZNX0aWdhGU/
gERlc2NyaWJl
gGlugGRldGFpbC7QBBUAAAAsACQAB9SJFHhsAASAVANDMUEFSVIBW0oDgEQwAAAA
YakMAOBSZXZp
ZXeAb2aAUmVsZXZhbnsAQmFja2dyb3VuZIBJbmZvcmlhdGlvbi7QBBUAAAAsACQAB
MyWDIB0AASAV
ANCAGICAgICAgICAgIDgEQwAAAAAYakMAOBXaGF0gGRpZIB5b3WAbGVhcm6AYWJv
dXSAeW91c0Bx
dWVzdGlvbn0AYnmAcmVhZGluz4B0aGWAgICAgICAgICAgNABFQAACwAJAAFSJqIh
HgABIBUA0Hdy
aXRpbmeAb2aAb3RoZXJzP4BXaGF0gHdlcmWAZGlmZmVyZW50gHNvdXJjZX0Ab2aA
bG10ZXJhdHVy
ZT+AgICAgICAgICA0AEVAAALAAkAAAXEnwSIfAAEgFQDQU3ludGhlc2l6ZS9kZXNj
cmliZyB3aGF0
gHlvdYBoYXZlGxlyXJuZWSAZnJvbYAYyGhJlbGF0ZWSAgGFydG1jbGVzG9y
gG90aGVy0AEV
AAALAAkAAZAo4CMgAAEgFQDQbG10ZXJhdHVyZS7QBBUAAAAsACQABryn/JCEAASAV
ANDMzFBBU1SA
Vkk64BEMAAAAGAJDADgR2F0aGVyaW5ngEluZm9ybWF0aW9uLTAAGFQAACwAJAAEM
LVwoJAABIBUA
0ICAgICAgICAgICA4BEMAAAAGAJDADgV2hhdIBpbmZvcmlhdGlvboBkaWSAeW91
gG5lZWSAdG+A
Y29sbGVjdIB0b4BsZWFyboBhYm91dIB5b3VygICAgICAgICA0AEVAAALAAkAAABAE
AAAAAAEgFQDQ
YnVybm1uZ4BxdWVzdGlvbj+ASG93gGRpZIB5b3WAZG9jdW11bnSAdGhpc4BpbmZv
cm1hdGlvbj+A
gIBEZNXjcmliZyBhdNABFQAACwAJAAHPBR8BAQABIBUA0GxlyXN0gHRocmVlgGRp
ZmZlcmVudIBr
aW5kc4BvZoBpbmZvcmlhdGlvboB5b3WAZ2F0aGVyZWSAdG+AbGVhcm6AYWJvdXSA
eW91ctABFQAA
CwAJAAHuBj4CAGABIBUA0HF1ZNX0aW9uLTAEFQAACwAJAAENCF0DAwABIBUA0MxQ
QVJUgFZJSTrg
EQwAAAAAYakMAOBNYwtpbmeAU2Vuc2XQBBUAAAAsACQABSqBQUAASAVANCAgICA
gICAgICAgOAR
DAAAAABgCQwA4ERlc2NyaWJlgHvd4B5b3WAYW5hbHl6ZWSAYW5kgG1hZGWA2Vu
c2WAb2aAeW91

coCAgICAgICA0AEVAAALAAkAAWoLugYGAAEgFQDQaW5mb3JtYXRpb24u0AQVAAAL
AAkAAyK2QcH
AAEgFQDQzFBBU1SAVklJSTqAV2hhdIBZb3WATGVhcm5lZNAEFQAACwAJAAHHDhcK
CQABIBUA0ICA
gICAgICAgICA4BEMAAAAAGAJDADgRGVzY3JpYmWAaW6AZGV0YWlsgHdoYXSAeW91
gGxlYXJuZWQu
0AQVAAALAAkAAeYPNGsKAAEgFQDQzElY0uARDAAAAAIBwwA4OARDAAAAABgCQwA
4EFjdGlbnPQ
BBUAAAsACQABJBJ0DQwAASAVANDTDA4AAAIAsAQAAA4A09MEPwAAKwABYAKNALAE
AAgHAGAJALgL
ABAOAGgQAMASABgVAHAXAMgZACAcAHgeANAgAbAEAgCwBIxYAj8A01doYXSAYWN0
aW9ucy9jaGFu
Z2VzghJlc3VsdGVkgG9ygGNvdWxkgHBvdGVudGlhbGx5gHJlc3VsdIBvboCAgICA
gICAgIDQARUA
AAsACQABQxOTDg0AASAVANB0aGWAYmFzaXOAb2aAeW91coBpbnF1aXJ5P4BXb3Vs
ZIB5b3WAZG+A
YW55dGhpbmeAZGlmZmVyZW50gICAgICAgICAgNABFQAACwAJAAFIFLIPDgABIBUA
0GFzgGGAcMvz
dWx0gG9mgHdoYXSAeW91J3ZlgGxlYXJuZWQ/0AQVAAALAAkAAyEV0RAPAAEgFQDQ
0wwOAAACAAAA
sAQOANPTBD8AACsAAAbAEDQCwBAAIBwBgCQC4CwAQDgBoEADAEgAYFQBwFwDIGQAg
HAB4HgDQIAFg
CQIASASMWAI/ANPMWDqAgICAgICAgIDgEQwAAAAAYAKMAOBQb3N0ZXKAUHJlc2Vu
dGF0aW9u0AQV
AAALAAkAAb8XDxMRAAEgFQDQgICAgICAgICAgIDgEQwAAAAAYAKMAOBIB3eAd2ls
bIB5b3WAc2hh
cmWAd2hhdIB5b3WAaGF2ZYBsZWYybmVkgHdpdGiAb3RoZXJzGglugHRoaXOAgICA
gICA0AEVAAAL
AAkAA4YLhQSAAEgFQDQY2xhc3M/gFdoYXSAaXOAdGhlgG1vc3SAY29udmluY2lu
Z4BhbmSAYXBw
cm9wcm1hdGWAaWRlYXOAdG+AaW5jbHVkZyBvboB5b3Vy0AEVAAALAAkAAf0ZTRUT
AAEgFQDQcG9z
dGVyP9AEFQAACwAJAAEcG2wWFAABIBUA0MxOb3RlOuARDAAAAAIBwwA4FBsZWFz
ZYB1c2WACHN1
dWRvbnl1tc4Bmb3KAbmFtZXOAb2aAc3R1ZGVudHMsgHRlYWN0ZXJzLICAc2Nob29s
gGFuZNABFQAA
CwAJAAFaHaoYFgABIBUA0GNvbW11bml0eS7UGx8AgAE5AAgAWAI+LAAAWAIIAO4C
OQDuAtueHwDU
0AQVAAALAAkAAxkeyRkXAAEgFQDQ1BsFAIABOQAIAPQBbOMBAPIBAABYAjkAWAI+
LB8A1A==

-----_20030429164956_36290--