1. UserAuthentication(Username,Pin)

2. global File

3. get Username

4. get Pin

5. chances=2

6. if [Username,Pin]==Database

print ‘Access granted’

end if

7. while [Username,Pin]!=Database

print ‘Invalid Username and Pin, Please try again.’

get Username

get Pin

chances=chances-1

if [Username,Pin]==Database then,

print ‘Access granted’

PlayAgain=True

end if

if chances<=0 and [Username,Pin]!=Database then,

print ‘Bye’

end if

while end

8. if Username==hong then,

File=ID[0]

end if

9. if Username==Edmund then,

File=ID[1]

end if

10. exit

1. UserRecord(UserInput\_Record)

2. global SeeRecord

3. get UserInput\_Record

4. if UserInput\_Record!=y or UserInput\_Record!=n then,

repeat

print ‘Please enter y or n’

get UserInput\_Record

until (UserInput\_Record ==y or UserInput\_Record ==n)

end if

5. if UserInput\_Record ==y then,

SeeRecord=True

end if

6. if UserInput\_Record ==n then,

SeeRecord=False

7. if SeeRecord==True then,

OpenRecord()

8. exit

1. UserStart(UserInput\_Start)

2. global PlayGame

3. get UserInput\_Start

4. if UserInput\_Start!=y or UserInput\_Start!=n then,

repeat

print ‘Please enter y or n’

get UserInput\_Start

until (UserInput\_Start==y or UserInput\_Start==n)

end if

5. if UserInput\_Start==y then,

PlayGame=True

end if

6. if UserInput\_Start==n then,

exit

end if

1. UserPlayAgain(UserInput\_Play)

2. get UserInput\_Play

3. if UserInput\_Play!=y or UserInput\_Play!=n then,

repeat

print ‘Please enter y or n’

get UserInput\_Play

until (UserInput\_Play==y or UserInput\_Play==n)

end if

4. if UserInput\_Play==y then,

PlayGame=True

end if

5. if UserInput\_Play==n then,

PlayGame=False

end if

6. if PlayGame==False then,

exit

1. UserSaveRecord (UserInput\_SaveRecord)

2. global SaveRecord

3. get UserInput\_SaveRecord

4. if UserInput\_SaveRecord!=y or UserInput\_SaveRecord!=n then,

repeat

print ‘Please enter y or n’

get UserInput\_SaveRecord

until (UserInput\_SaveRecord==y or UserInput\_SaveRecord==n)

end if

5. if UserInput\_SaveRecord==y then,

SaveRecord=True

end if

6. if UserInput\_SaveRecord==n then,

SaveRecord=False

7. if SaveRecord== True then,

record()

end if

1. UserPreviousRecord(UserInput\_Previous)

2. global CreateFile

3. get UserInput\_Previous

4. if UserInput\_Previous!=y or UserInput\_Previous!=n then,

repeat

print ‘Please enter y or n’

get UserInput\_Previous

until (UserInput\_Previous==y or UserInput\_previous==n)

end if

5. if File=ID[0] then,

if UserInput\_Previous==n then,

CreateFile=True

my\_file=open(‘ScoreBoard1.txt’, ‘w’)

end if

if UserInput\_Previous==y then,

CreateFile=False

end if

end if

6. if File=ID[1] then,

if UserInput\_Previous==n then,

CreateFile=True

my\_file=open(‘ScoreBoard2.txt’, ‘w’)

end if

if UserInput\_Previous==y then,

CreateFile=False

end if

end if

7. exit

1. CheckFile(File)

2. global CreateFile

3. if File==ID[0] then,

open(‘ScoreBoard1.txt’, ‘r’)

if open(‘ScoreBoard1.txt’, ‘r’)==False then,

print ‘You Lied’

my\_file=open(‘ScoreBoard1.txt’, ‘w’)

end if

end if

4. if File==ID[1] then,

open(‘ScoreBoard2.txt’, ‘r’)

if open(‘ScoreBoard2.txt’, ‘r’)==False then,

print ‘You Lied’

my\_file=open(‘ScoreBoard2.txt’, ‘w’)

end if

end if

5. exit

1. record()

2. if File==ID[0] then,

if point<25 then,

Scores= ‘You Had Played Bad Ending.’

else if point<=50 then,

Scores= ‘you Had Played Semi-Bad Ending.’

else if point<=75 then,

Scores= ‘You Had Played Semi-Good Ending.’

else Scores= ‘You Had Played good Ending.’

end if

end if

end if

end if

3. recordFunction = Record[Score]

4. ScoreBoard1 = open('ScoreBoard1.txt', 'a')

5. if File==ID[1] then,

if point<25 then,

Scores= ‘You Had Played Bad Ending.’

else if point<=50 then,

Scores= ‘you Had Played Semi-Bad Ending.’

else if point<=75 then,

Scores= ‘You Had Played Semi-Good Ending.’

else Scores= ‘You Had Played good Ending.’

end if

end if

end if

end if

6. recordFunction = Record[Score]

7. ScoreBoard1 = open('ScoreBoard2.txt', 'a')

8. exit

1. OpenRecord()

2. if File==ID[0]

ReadNotePad=open(ScoreBoard1.txt’, ‘r’)

loop: line : 1 to ReadNotePad

line=Record[recordFunction]

Numplayed=1

loop: Play : 1 to length(Record)

Read=list

if NumPlayed==1 then,

Text= ‘st’

else if NumPlayed==2 then,

Text= ‘nd’

else Text= ‘th’

end if

end if

print List , ‘for the’ , NumPlayed,Text , ‘time’

NumPlayed=NumPlayed+1

ReadNotePad=Close(Filename)

end if

3. if File==ID[1]

ReadNotePad=open(ScoreBoard2.txt, ‘r’)

loop: line : 1 to ReadNotePad

line=Record[Scores]

Numplayed=1

loop: Play : 1 to length(Record)

Read=list

if NumPlayed==1 then,

Text= ‘st’

else if NumPlayed==2 then,

Text= ‘nd’

else Text= ‘th’

end if

end if

print List , ‘for the’ , NumPlayed,Text , ‘time’

NumPlayed=NumPlayed+1

ReadNotePad=Close(Filename)

end if

1. story(a,b)

2. global point

3. point=0

4. print "Here's the story begin..."

5. flow1="You woke up late, it is about 7.30am in the morning. But your school starts at 7.00am

What to do?"

6. print flow1

7. print "a) Walk to school"

8. print "b) Ride your bike to school (Forgot to pump the tyres)"

9. get decision(a,b)

10. while (decision1!="a" and decision1!="b")

print "Invalid input, please re-enter your answer."

get decision1

while end

11. if decision1=="a" then,

flow2= print "You start walking from your house. It is a long distance from your house to school. You start thinking what reason should explain to your teacher when you arrived in class and what punishment will you get from your teacher."

print flow2

flow3="After 15 minutes of walking, u have arrived at the school gate but the gate was closed. The security guard near the gate is sleeping soundly hugging a teddy bear."

print flow3

end if

12. if decision1=="b" then,

flow4="You immediately go and get the air pumper in your storeroom to pump your bike's tyres. While pumping the air to the tyres, you start thinking what reason should explain to your teacher when you arrived in class and what punishment will you get from your teacher."

print flow4

flow5="After the tyres are fully pumped, you rush to school by riding your bike with high speed. In a short while, you have arrived at the school gate but the gate was closed. The security guard near the gate is sleeping soundly with a teddy bear on his hand."

print flow5

end if

13. print "What to do?"

14. print "a) Climb in illegally (You might get caught from climbing in)"

15. print "b) Wake the guard by shouting (You might need a few minute to wake the guard)"

16. get decision2

17. while (decision2!="a" and decision2!="b")

print "Invalid input, please re-enter your answer."

get decision2

while end

18. if decision2=="a" then,

print "You are lucky, you sucessfully climb in and no ones caught you doing this."

end if

19. if decision2=="b" then,

print "You are lucky, the security guard woke up quickly after your first shouting."

end if

20. flow6="You quickly run to your classroom. Teacher just started teaching when you arrived in class. Teacher ask for your reason why you are late fiercely and ready to punish you!"

21. print flow6

22. print "What to do?"

23. print "a) Be honest (You might get a light punishment from your teacher)"

24. print "b) Make up a reason (You might get a heavy punishment if you get caught by teacher that you are lying but you might avoid the punishment if your lie is convincing)"

25. get decision3

26. while (decision3!="a" and decision3!="b")

print "Invalid input, please re-enter your answer."

get decision3

while end

27. if decision3=="a" then,

point=point+25

flow7="You received a light punishment which is standing during the first period since teacher knows that you are honest."

print flow7

end if

28. if decision3=="b" then,

flow8="You sucessfully avoided the punishment from your teacher because your lie is very convincing. But no matter how, you have a bad image in your friend's mind."

print flow8

end if

29.flow9="During class session, everyone are very concentrate on learning. Suddenly, fire alarm rang, you heard an announcement from your principal says:'EMERGENCY!EMERGENCY! Everyone, there are a bunch of zomb......' The principal did not finished his annoucement and was bitten by a zombie!"

30.print flow9

31.print "Whole class panic. What to do?"

32.flow10="a) Run out of the class and try to survive by yourself (You might easily escape alone)"

33.flow11="b) Stay and calm your classmate (You might help your clasmate but it is hard to escape with a group of people)"

34.print flow10

35.print flow11

36.get decision4

37.while (decision4!="a" and decision4!="b")

print "Invalid input, please re-enter your answer."

get decision4

while end

38. if decision4=="a" then,

flow12="You run to a nearest toilet to protect yourself by locking the door. While you are deciding for a further move, your classmate, John Cena who has been bullying you since first grade with a zombie chasing him into this toilet."

print flow12

print "What will you do?"

print "a) Take the risk and help him out"

print "b) Climb out through the window"

get decision4a

while (decision4a!="a" and decision4a!="b")

print "Invalid input, please re-enter your answer."

get decision4a

while end

if decision4a=="a" then,

point=point+25

flow13="You and John Cena has killed the zombie by hitting the zombie with a mop and punch the zombie in the face"

print flow13

flow14="Suddenly, you heard there is voice shouting says that there is a safe house just at the backyard of the school. At the moment, John Cena request to follow you to the safe house because his leg was injured in the fight . But remember, he has always been bullying you since first grade."

print flow14

print "a) Leave John Cena and run toward the safe house by yourself"

print "b) Forgive him and escape together"

get decision4b

while (decision4b!="a" and decision4b!="b")

print "Invalid input, please re-enter your answer."

get decision4b

while end

if decision4b=="a" then,

flow15= print "You just left John Cena alone because u cannot forgive what he did to u since first grade"

print flow15

end if

if decision4b=="b" then,

point=point+25

print "You forgive what he did in the past with kind-hearted and escape together."

end if

end if

if decision4a=="b" then,

print "You just left John Cena with the zombie in the toilet."

print "John Cena died from zombie"

flow16="You saw there is a safe house in the backyard and quickly run towards the safehouse. At the moment, you saw your teacher, Miss Elizabeth is pinning down by a zombie on the ground."

print flow16

print "What will you do?"

flow17="a) Take the risk and help your teacher (The safe house might be full if you waste your time on helping her)"

flow18="b) Ignore it and keep running (The zombie might chase you after attacking your teacher)"

print flow17

print flow18

get decision4b

while (decision4b!="a" and decision4b!="b")

print "Invalid input, please re-enter your answer."

get decision4b

while end

if decision4b=="a" then,

point=point+25

print "You decided to lend a hand to her and kill the zombie with a big stone."

end if

if decision4b=="b" then,

print "You freaked out to take the risk to help out. Your teacher is killed by the zombie"

end if

end if

end if

39. if decision4=="b"

point=point+25

flow19="Everyone are very scare and shouting while suddenly, an annoying classmate of yours, Pheng who always screw up something in class decided to leave the class."

print flow19

print "What will you do?"

print "a) Stop him, tell him we must work as a team and escape together"

print "b) Ignore him and let him leave the class"

get decision4a

while (decision4a!="a" and decision4a!="b")

print "Invalid input, please re-enter your answer."

get decision4a

while end

if decision4a=="a" then,

point=point+25

print "You sucessfully persuade him to stay with the team."

flow20="Suddenly, a bunch of zombies rush in to attack us, and you remember there is a safe house at the backyard of the school."

print flow20

print "What will you do?"

flow21="a) Run away and straight to the safe house because you are not confident in wining this fight"

print flow21

print "b) Take the risk and stay with your team to fight the zombies together"

get decision4b

while (decision4b!="a" and decision4b!="b")

print "Invalid input, please re-enter your answer."

get decision4b

while end

if decision4b=="a" then,

print "You decided to run away because you don't think that your classmate and you can take down all the zombies"

end if

if decision4b=="b" then,

point=point+25

print "You decided to stay with the team and fight the zombies together."

end if

if decision4a=="b" then,

print "You just act like you do not know Pheng had ran out of the class."

flow22="Some other classmate also followed Pheng and ran out of the class. There are only few people left who stay back with you. Suddenly, there are a few of zombies are chasing Pheng's group. At the moment, you remember there is a safe house at the backyard of the school."

print flow22

print "What will you do?"

print "a) Help Pheng's group to take down the zombies together"

print "b) Leave Pheng's group and run to the safe house"

get decision4b

while (decision4b!="a" and decision4b!="b")

print "Invalid input, please re-enter your answer."

get decision4b

while end

if decision4b=="a" then,

point=point+25

flow23="You can't just let your friend die from the zombie, so you decide to help Pheng's group to take down the zombie together."

print flow23

end if

if decision4b=="b" then,

flow24="You do not want to help them because you do not want to take the risk."

print flow 24

end if

end if

end if

40.Bad = "When you are running towards the safe house, hundreds of zombies are chasing you to the safe house. In order to let you enter the safe house, they open the door and cause all the zombies to be able to rush into the safe house and killed everyone included you. In the end, everyone failed to escape from the zombies attack and died because of your selfishness."

41. Semi\_Bad ="When you are running towards the safe house, hundreds of zombies are chasing you to the safe house. You beg the people who are already in the safe house to open the door for you to enter. You straight rush into the safe house and kick those people out of the safe house and let the zombies change their target from you to them. At the end, your selfishness allowed you to survived but killed other people as a result."

42. Semi\_Good ="When you are running towards the safe house, hundreds of zombies are chasing you to the safe house. Because of your kind-hearted, you decided to sacrifices yourself by attracting te zombies to the other place. In the end , you died from the zombies attack but you have saved other people."

43. Good="When you are running towards the safe house, hundreds of zombies are chasing you to the safe house. A lot of people come out from the safe house to help you and take down all the zombies. At the end, everyone survived from this zombies attack."

44. if point<25 then,

Ending=Bad

else if point<=50 then,

Ending=Semi\_Bad

else if point<=75 then,

Ending=Semi\_Good

else

Ending=Good

end if

end if

end if

46.print Ending

1. Start

2. Database=[(hong,1324),(Edmund,4242)]

3. ID=[hong,edmund]

4. UserAuthentication(Username,Pin)

5. UserPreviousRecord(UserInput\_previous)

6. CheckFile(File)

7. if SeeRecord==True then,

UserRecord(UserInput\_Record)

end if

8. UserStart()

9. while (PlayGame!=False)

story(a,b)

UserSaveRecord(UserInput\_SaveRecord)

UserRecord(UserInput\_Record)

UserPlayAgain(UserInput\_Play)

while end

10. End