# section created by Michael 3778 G2. Y on 8/11 To carry out an the first chinese part

from lib import\*

# chinese version

def CHmain():

# start the game

print( “ 系统启动中. . . “ )

print( “ 系统正在上线. . . “ )

print( “ | 位置: 地球”)

# system speaking

SystemSpeaking( “ 早上好, 舰长”)

# first choise in the game.

t = choiceInput( “ 怎么了?”, “ 你好”)

if(t == 1):

secondOne()

elif(t == 2):

secondTwo()

print( “ |”)

def secondOne():

PeopleSpeaking( “ 地球”, “ 你有了一个新任务,” )

print( “ | 我们需要你作为第一个登上火星的人类探索火星”)

def secondTwo():

PeopleSpeaking( “ 地球”, “ 你好,” )

# section created by Michael 3778 G2. Y on 8/11 To carry out the introduction of the mission

# Last modify 2016-10-29-23-23

from lib import\*

# ----------------------------------1 choice---------------------------------

# first function used in the english program

def ENmain():

# initialize score

# start the game

print( “ System starting. . . “ )

print( “ Bringing the system online. . . “ )

PeopleSpeaking( “ Location”,” Earth”)

# system speaking

SystemSpeaking( “ Good morning, captain. “ )

# first choise in the game

answer = choiceInput( “ what happened?”, “ Hi”)

if(answer == 1):

# ask if the player wants the misson

secondOne()

elif(answer == 2):

# say” HI” to the player

secondTwo()

print( “ |”)

return

# ----------------------------------2 choice---------------------------------

# launch if player say” what happened?”

def secondOne():

PeopleSpeaking( “ Earth”,” You've recieved a mission,” )

print( “ | we need you to be the first person to explore the mars. “ )

answer = choiceInput( “ negative”,” affirmative”)

if(answer == 2):

# send the mission

ThirdOne()

elif(answer == 1):

# Try to make the player to start the mission

ThirdTwo()

return

# launch if player say” Hi”

def secondTwo():

PeopleSpeaking( “ Earth”, “ Hi, captain. “ )

answer = choiceInput( “ anything need me to do?”, “ do nothing”)

if(answer == 1):

# send the mission

ThirdOne()

elif(answer == 2):

# answer again :)

secondTwo()

return

# ----------------------------------3 choice---------------------------------

# launch if player say” affirmative”/”anything need me to do?”

def ThirdOne():

PeopleSpeaking( “ Earth”, “ wait a minute, I will send the message to your system. “ )

answer = choiceInput( “ stop”, “ continue”)

if(answer == 2):

# continue to send the message

ForthOne()

elif(answer == 1):

# jump to the negative/stop

ThirdTwo()

return

# launch if player say” negative”/”stop”

def ThirdTwo():

PeopleSpeaking( “ Earth”, “ are you sure about this?”)

# a special END function in module lib. py

END()

# send the player back to mission

# player will quit the game in the END() function if they really want to do that

secondOne()

return

# ----------------------------------4 choice---------------------------------

# launch if player say” continue”

def ForthOne():

PeopleSpeaking( “ System”, “ new message. “ )

answer = choiceInput( “ open it”, “ read the title”)

if(answer == 1):

# open the message

fifthOne()

elif(answer == 2):

# print the brief message

fifthTwo()

return

# ----------------------------------5 choice---------------------------------

# launch if the player say” open it”

def fifthOne():

PeopleSpeaking( “ message”, “ human beings can already land on moon now. “ )

print( “ We should explore further to mars and the solar system. “ )

print( “ You may decide how to make your space ship in the develop lab”)

print( “ May luck and our wish be with you”)

PeopleSpeaking( “ System”,” --message ends--”)

answer = choiceInput( “ do nothing”,” go to develop lab”)

if(answer == 2):

# Next level

Next()

elif(answer == 1):

# Next level

Next()

return

# launch if the player say” read the title”

def fifthTwo():

PeopleSpeaking( “ message”, “ go to develop lab”)

answer = choiceInput( “ open message”, “ go to develop lab”)

if(answer == 1):

# open the message

fifthOne()

elif(answer == 2):

# Next level

Next()

return

# ----------------------------------6 choice---------------------------------

# jump to next file

def Next():

# leave some blank

print( “ |”)

print( “ |”)

return

# section created by Michael G2. Y on 8/11 To carry out the landing on Mars

# Last modify 2016-10-29-23-23

# @ Auther Michael 3778

from lib import\*

# ----------------------------------1 choice---------------------------------

# launch first

def MarsLanding():

print( “ After seven months, seven long, long months. . . “ )

print( “ your space craft has finally entered the mars orbit”)

print( “ now, be prepared. will you success or die trying?”)

print( “ restarting the system”)

print( “ >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>“ )

print( “ System online”)

PeopleSpeaking( “ System”, “ System: you may continue your mission, captain. “ )

answer = choiceInput( “ start landing process”, “ wait a minute”)

if(answer == 1):

Second()

elif(answer == 2):

ThirdOne()

return

# ----------------------------------2 choice---------------------------------

def Second():

PeopleSpeaking( “ System”,” landing process started”)

PeopleSpeaking( “ Current Location”,” Mars satellite orbit”)

answer = choiceInput( “ decelerate”,” turn the direction of ship 180 degrees”)

if(answer == 1):

ThirdOne()

elif(answer == 2):

ThirdTwo()

return

# ----------------------------------3 choice---------------------------------

def ThirdOne():

PeopleSpeaking( “ System”,” WARNING, you are dropping into mars too fast. “ )

PeopleSpeaking( “ Current Speed”,” 20m/s”)

answer = choiceInput( “ turn the direction of ship170°”,” decelerate”)

if(answer == 1):

ThirdTwo()

elif(answer == 2):

ForthOne()

return

def ThirdTwo():

PeopleSpeaking( “ System”,” turned the direction successfully, entered landing orbit. “ )

answer = choiceInput( “ decelerate”,” do nothing”)

if(answer == 1):

ForthOne()

elif(answer == 2):

ForthThree()

return

# ----------------------------------4 choice---------------------------------

def ForthOne():

PeopleSpeaking( “ System”,” WARNING, your speed is too fast, space ship lost control. “ )

PeopleSpeaking( “ Current Speed”,” 40m/s”)

answer = choiceInput( “ what. . . “ ,” what. . . “ )

if(answer == 1):

FifthOne()

Second()

elif(answer == 2):

FifthOne()

ForthOne()

return

def ForthTwo():

PeopleSpeaking( “ System”,” WARNING, breaker is broken. “ )

PeopleSpeaking( “ Current Speed”,” 40m/s”)

answer = choiceInput( “ what. . . “ ,” what. . . “ )

if(answer == 1):

FifthTwo()

elif(answer == 2):

ForthOne()

return

def ForthThree():

PeopleSpeaking( “ System”,” WARNING, space ship bottom overheats,” )

PeopleSpeaking( “ “ ,” heat-proof layer reaches 1000 degreese”)

answer = choiceInput( “ open parachute”,” decelerate”)

if(answer == 1):

FifthTwo()

elif(answer == 2):

FifthThree()

return

# ----------------------------------5 choice---------------------------------

def FifthOne():

print( “ failed, your space ship crashed”)

END()

return

def FifthTwo():

PeopleSpeaking( “ System”,” WARNING, parachute overload”)

answer = choiceInput( “ close the parachute”,” do nothing”)

if(answer == 1):

FifthOne()

FifthTwo()

elif(answer == 2):

SixthOne()

return

def FifthThree():

PeopleSpeaking( “ System”,” WARNING, parachute overload”)

answer = choiceInput( “ close the parachute”,” do nothing”)

if(answer == 1):

SixthOne()

elif(answer == 2):

FifthOne()

FifthThree()

return

# ----------------------------------6 choice---------------------------------

def SixthOne():

PeopleSpeaking( “ System”,” reaches landing speed, now you can land on mars”)

answer = choiceInput( “ land”,” do nothing”)

if(answer == 1):

SeventhOne()

elif(answer == 2):

FifthOne()

SixthOne()

return

# ----------------------------------7 choice---------------------------------

def SeventhOne():

PeopleSpeaking( “ System”,” Landed successfully”)

PeopleSpeaking( “ Earth”,” congratulations, you are the first group of human”)

PeopleSpeaking( “ “ ,” beings on mars, you are the pride of all human being”)

Return

# section created by Johnson G2. Y To carry out the preparation before launch

# Last modify 2016-10-29-23-23

from lib import\*

# rockets number

rocket = 0

# fuel choosed

fuel = 0

# ----------------------------------1 choice---------------------------------

# launch first

def LaunchRocket():

PeopleSpeaking( “ System”, “ Entering the lab. . . “ )

PeopleSpeaking( “ Scientist”,” welecom, captain. We are going to help you to build your spaceship”)

answer = choiceInput( “ How?”, “ Thanks”)

if(answer == 1):

# Explain a little

PeopleSpeaking( “ Scientist”.” You are going to plan how much rocket you will launch on your rocket”)

print( “ | Think about the planet you are going and how much fuel do you want to”)

print( “ | bring. Are you ready?Let's start. “ )

SecondOne()

elif(answer == 2):

# directly start

SecondOne()

return

# ----------------------------------2 choice---------------------------------

# launch if player say” How?”/”Thanks”

def SecondOne():

PeopleSpeaking( “ Scientist”,” Which planet will you choose to go to?”)

answer = choiceInput( “ Jupiter”,” Mars”)

if(answer == 2):

# good choice

PeopleSpeaking( “ Scientist”,” That's fine”)

ThirdOne()

elif(answer == 1):

# sorry, choose again :)

PeopleSpeaking( “ Scientist”,” Ah. . . I don't think landing on a gaseous planet is a good choice. “ )

PeopleSpeaking( “ “ ,” Also, you should focus on your mission, don't be childish. “ )

SecondOne()

return

# ----------------------------------3 choice---------------------------------

# launch if player say” mars”

def ThirdOne():

PeopleSpeaking( “ Scientist”,” well, you may want to select some friends to go with you. “ )

print( “ | You want to bring:”),

answer = choiceInput( “ less or equals 7 and more than or equals 1”, “ more than 7”)

if(answer == 1):

# good choice

PeopleSpeaking( “ Scientist”,” Pass, enjoy your trip. “ )

ForthOne()

elif(answer == 2):

# sorry, choose again :)

PeopleSpeaking( “ Scientist”,” well, the most up-to-date space shuttle could only hold 7 astronauts”)

PeopleSpeaking( “ “ ,” I'm sorry but you need to leave someone on earth”)

ThirdOne()

return

# ----------------------------------4 choice---------------------------------

# launch if player say” <= 7 and >= 1”

def ForthOne():

PeopleSpeaking( “ Scientist”,” The space shuttle is ready. But it needs some small rockets act as”)

print( “ | the propeller, you want to install how many rockets?”)

print( “ | number of the small rockets You want to bring:”),

answer = choiceInput( “ only one”,” two or more”)

if(answer == 2):

# good choice

PeopleSpeaking( “ Scientist”,” good choice”)

# record how many rocket did the player bring

rocket = 3

FifthOne(rocket)

elif(answer == 1):

# sorry, choose again :)

PeopleSpeaking( “ Scientist”,” ok”)

# record how many rocket did the player bring

rocket = 1

FifthOne(rocket)

return

# ----------------------------------5 choice---------------------------------

# launch if player say” <= 4 and >= 2”

def FifthOne(rocket):

PeopleSpeaking( “ Scientist”,” The propellers are installed, you need to fill them up with fuel”)

print( “ | You want to use:”),

answer = choiceInput( “ Liquid hydrogen”, “ gasoline”)

if(answer == 1):

if(rocket == 3):

# good choice

PeopleSpeaking( “ Scientist”,” ah, you are good at this, aren't you?”)

# record which type of fuel does the player add

fuel = 1

SixthOne(rocket, fuel)

elif(rocket == 1):

# good choice

PeopleSpeaking( “ Scientist”,” I think this will be a moon spaceship. . . “ )

# record which type of fuel does the player add

fuel = 1

SixthOne(rocket, fuel)

elif(answer == 2):

# sorry, choose again :)

PeopleSpeaking( “ Scientist”,” fine, I'm glad I won't need to go with you”)

# record which type of fuel does the player add

fuel = 2

SixthOne(rocket, fuel)

return

# ----------------------------------6 choice---------------------------------

# launch

def SixthOne(rocket, fuel):

PeopleSpeaking( “ Scientist”,” Ok, let's make a little test for your rocket”)

print( “ | 5-4-3-2-1-launch!”)

if(fuel == 2):

PeopleSpeaking( “ Scientist”,” Whohhhhhh, that is a nice firework, but it won't be fun”)

PeopleSpeaking( “ “ ,” if you are in it. You need to redesign your fuel!”)

print( “ | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> |”)

ForthOne()

if(rocket == 1):

PeopleSpeaking( “ Scientist”,” I, m sorry, captain. But your rocket can only go to moon. “ )

PeopleSpeaking( “ “ ,” You may want to redesign your small rocket. “ )

print( “ | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> |”)

ForthOne()

if(rocket == 3 & fuel == 1):

print( “ | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> |”)

PeopleSpeaking( “ Scientist”,” nice job, captain!Now you may start your trip. “ )

print( “ |”)

print( “ |”)

return

# leave some blank

print( “ |”)

print( “ |”)

return

# section created by Blake G2. Y To carry out the leaving process

# @ Auther Blake

from lib import\*

name =“ “

# ----------------------------------1 choice---------------------------------

def LeftMars():

print( “ After a long way on mars. . . “ )

print( “ | you finally reached the location of the space ship, but. . . “ )

PeopleSpeaking( “ >“ ,” oh my god. . . The spaceship is already damaged, I can't use it. “ )

answer = choiceInput( “ try to connect with earth\n|” ,” drive the vehicle to try to find something”)

if(answer == 1):

SystemSpeaking( “ you used up the fuel very soon and find nothing”)

END()

LeftMars()

elif(answer == 2):

SecondOne()

return

# ----------------------------------2 choice---------------------------------

def SecondOne():

PeopleSpeaking( “ System”,” there was a spaceship arriving on Mars in 1996, \n | its location is （45’51’’, 75’84’’）”)

answer = choiceInput( “ Turn on the heater inside the vehicle\n|” ,” try to find something else to use as a heater”)

if(answer == 1):

SystemSpeaking( “ The heater costs too much fuel, the vehicle didn’t go too far”)

END()

SecondOne()

elif(answer == 2):

ThirdOne()

return

# ----------------------------------3 choice---------------------------------

def ThirdOne():

PeopleSpeaking( “ System”,” you get into the ship”)

answer = choiceInput( “ Use radioactive cells\n|” ,” use normal cells”)

if(answer == 2):

SystemSpeaking( “ the energy has been used up quite soon!”)

END()

ThirdOne()

elif(answer == 1):

SystemSpeaking( “ The heating effects are very good”)

ForthOne()

return

# ----------------------------------4 choice---------------------------------

def ForthOne():

PeopleSpeaking( “ System”,” The temperature inside the vehicle is now stable”)

answer = choiceInput( “ take off the suit, easier to move around\n|” ,” keep the suit on”)

if(answer == 1):

SystemSpeaking( “ the radioactive matters are toxic!”)

END()

ForthOne()

elif(answer == 2):

SystemSpeaking( “ keep on looking for the spaceship”)

FifthOne()

return

# ----------------------------------5 choice---------------------------------

def FifthOne():

PeopleSpeaking( “ | >“ ,” Ah, I find the ship!”)

PeopleSpeaking( “ System”,” the fuel left might not be enough for the trip back to earth”)

answer = choiceInput( “ Try to connect with the earth\n|” ,” Turn it on and have a try”)

if(answer == 2):

SystemSpeaking( “ the fuel costs quicker than you think!”)

END()

FifthOne()

elif(answer == 1):

PeopleSpeaking( “ Commander”,” I’ll send a ship to Mars, but it'll takes 6 months”)

SixthOne()

return

# ----------------------------------6 choice---------------------------------

def SixthOne():

PeopleSpeaking( “ System”,” You would need enough food during 6 months, food left in the ship is\n| not much, you decide to farm by yourself, you would choose”)

answer = choiceInput( “ Potato\n|” ,” wheat”)

if(answer == 2):

SystemSpeaking( “ soil on Mars doesn’t contain some elements for wheat growing!”)

END()

SixthOne()

elif(answer == 1):

PeopleSpeaking( “ System”,” soil on Mars is good for potatoes growing”)

SeventhOne()

return

# ----------------------------------7 choice---------------------------------

def SeventhOne():

PeopleSpeaking( “ System”,” Growing of potatoes needs Nitrogen, you would get Nitrogen from”)

answer = choiceInput( “ faeces\n|” ,” decompose hydrazine”)

if(answer == 2):

SystemSpeaking( “ dangerous and explosive!”)

END()

SeventhOne()

elif(answer == 1):

PeopleSpeaking( “ System”,” Safe and easy to get”)

EighthOne()

return

# ----------------------------------8 choice---------------------------------

def EighthOne():

PeopleSpeaking( “ System”,” While the ship arrive at Mars, to save time and fuel\n| the ship doesn’t plan to land, you drive your ship next to the ship, you would”)

answer = choiceInput( “ manual operation butt joint\n|” ,” abandon your ship and get into the other ship”)

if(answer == 1):

SystemSpeaking( “ manual operation is very dangerous!”)

END()

EighthOne()

elif(answer == 2):

PeopleSpeaking( “ System”,” get into the ship safely”)

Next()

return

# ------------------------------------next-----------------------------------

def Next():

print( “ | You've completed your mission and survived from all the dangers!”)

print( “ | Leave your name and let people remember you!”)

# use global variable to pass the value

name = TextInput( “ | your name:” )

Prize(name)

# -----------------------------------Prize-----------------------------------

def Prize(name):

print( “ +------------+”)

print( “ / \\”)

print( “ / “ , name,” \\”)

print( “ | |”)

print( “ | the first human |”)

print( “ | |”)

print( “ | on mars! |”)

print( “ | |”)

print( “ \\ /”)

print( “ +---------------+”)

print( “ / / / /\\ \\ \\ \\”)

print( “ / / / / \\ \\ \\ \\”)

print( “ +--+--+--+ +--+--+--+”)

# section created by Michael 3778 G2. Y on 8/11/2016

# To support the whole program and make the work easier

# Last modify 2016-10-30-11-53

# @ Auther Michael 3778

# @ version 1. 7

from Title import\*

# check if input type equals to TYPE

# function used:type()

def checkType(INPUT, TYPE):

try:

INPUT = type(TYPE)(INPUT)

return True

except:

return False

# no error in this part 2016-10-30-12-01 by @ Michael 3778

# check if enter is number(integer)

# function used:input(), checkType(), SystemSpeaking()

def NumInput(context):

while True:

enter = input(context)

if (enter ==“ exit”):

exit(0)

if (enter ==“ help”):

printHelp()

continue

if (checkType(enter, 0)):

enter = int(enter)

return enter

SystemSpeaking( “ Invalid!”)

continue

# no error in this part 2016-10-30-12-01 by @ Michael 3778

# check if enter is string

# function used:input(), checkType(), SystemSpeaking()

def TextInput(context):

while True:

enter = input(context)

if (enter ==“ exit”):

exit(0)

if (enter ==“ help”):

printHelp()

continue

if (checkType(enter, “ “ )):

enter = str(enter)

return enter

SystemSpeaking( “ Invalid!”)

continue

# no error in this part 2016-10-30-12-01 by @ Michael 3778

# check the enter range range1<=Input<=range2

# function used:NumInput(), SystemSpeaking()

def RangeNumberInput(context, range1, range2):

while True:

enter = NumInput(context)

if (enter >= range1):

if (enter <= range2):

return enter

else:

SystemSpeaking( “ out of bound”)

continue

else:

SystemSpeaking( “ out of bound”)

continue

# no error in this part 2016-10-30-12-01 by @ Michael 3778

# make choices

# function used:checkType(), RangeNumberInput()

def choiceInput(c1, c2):

if checkType(c1,”“ ):

if checkType(c2,”“ ):

context =“ | 1. “ +c1+” 2. “ +c2+”\n| >“

choice = RangeNumberInput(context, 1, 2)

return choice

# no error in this part 2016-10-30-12-01 by @ Michael 3778

# different people talking

# function used:print()

def SystemSpeaking(text):

print( “ | system [“ , text,” ]\n|” )

def PeopleSpeaking(name, text):

print( “ |”, name,” :”, text,” \n|” )

def PlayerSpeaking():

return print( “ | > \n|” ),

# no error in this part 2016-10-30-12-01 by @ Michael 3778

# mission ends

def END():

print( “ -------MISSION FAILED!--------”)

print( “ Do you want to stop your journy?”)

answer = choiceInput( “ Yes!stop!”, “ ah. . . wait a second. . . “ )

if(answer == 1):

print( “ --your story is finished, but, is there any better choices?--”)

# -----\_

exit(0)# --only for now

# \_\_\_\_\_-

elif(answer == 2):

return

# section created by Richard 3774 G2. Y To carry out the life on space

# Last modify 2016-10-29-23-23

from lib import\*

# ----------------------------------1 choice---------------------------------

# launch first

def InSpace():

PeopleSpeaking( “ System”, “ Now you have successfully entered the orbit,” )

PeopleSpeaking( “ Scientist”,” the AI Clark will be there to help you make your choice. “ )

PeopleSpeaking( “ “ , “ At this time your feel very hungry”)

answer = choiceInput( “ eat now”, “ wait some time when feel so hungry”)

if(answer == 1):

# good

PeopleSpeaking( “ Clark”,” good choice”)

SecondOne()

elif(answer == 2):

# dead

PeopleSpeaking( “ Clark”,” you have been too hungry to move,” )

PeopleSpeaking( “ “ ,” starved to death in the spaceship”)

END()

InSpace()

return

# ----------------------------------2 choice---------------------------------

# launch second

def SecondOne():

PeopleSpeaking( “ System”, “ you have a piece of golden tempting cookies”)

PeopleSpeaking( “ “ , “ and a lump of green paste, you will choose”)

answer = choiceInput( “ cookie”, “ paste”)

if(answer == 2):

# good

PeopleSpeaking( “ Clark”,” good choice”)

ThirdOne()

elif(answer == 1):

# dead

PeopleSpeaking( “ Clark”,” eat biscuits and the powder will float to everywhere,” )

PeopleSpeaking( “ “ ,” other people will be accidentally inhaled, you are not a good astronaut”)

END()

SecondOne()

return

# ----------------------------------3 choice---------------------------------

# launch third

def ThirdOne():

PeopleSpeaking( “ System”, “ Your water level went down, you want to:” )

answer = choiceInput( “ drink water with straw”, “ use cups to drink”)

if(answer == 1):

# good

PeopleSpeaking( “ Clark”,” although seems foolish, but it is a wise choice”)

ForthOne()

elif(answer == 2):

# dead

PeopleSpeaking( “ Clark”,” water floating to everywhere, damaged the spacecraft. “ )

END()

ThirdOne()

return

# ----------------------------------4 choice---------------------------------

# launch forth

def ForthOne():

PeopleSpeaking( “ System”, “ You still have seven months to go. “ )

PeopleSpeaking( “ “ , “ It's a waste of resources to stay awake”)

PeopleSpeaking( “ “ , “ You need to sleep until the space ship reaches mars. “ )

answer = choiceInput( “ lying on the seat to sleep”, “ tie myself on the bulkhead”)

if(answer == 2):

# good

PeopleSpeaking( “ Clark”,” have a good dream”)

elif(answer == 1):

# dead

PeopleSpeaking( “ System alarm”,” mayday, mayday. It's Greenwich time two thirty-four”)

PeopleSpeaking( “ “ ,” alarm system, the ship was damaged,” )

PeopleSpeaking( “ “ ,” the failure of the mission console crash”)

print( ““ )

PeopleSpeaking( “ GAME TIP”,” Your body will float around in the space ship”)

PeopleSpeaking( “ “ ,” and damage the equipments if you don't tie yourself well”)

END()

ForthOne()

# leave some blank

print( “ |”)

print( “ |”)

return

# section created by Helen 3766 G2. Y on 3/11 To carry out an investigation on Mars

from lib import\*

# ----------------------------------1 choice---------------------------------

# Function to process question one

def onMars():

SystemSpeaking( “ You have successfully landed on Hellas Planitia, Mars. Please wear suitable equipment and be ready for Mar’s atmosphere. “ )

PeopleSpeaking( “ NASA”,” Composition Data: \n| Carbon dioxide 95. 97% \n| Argon 1. 93% \n| Nitrogen 1. 89% \n| Oxygen 0. 146% \n| Carbon monoxide 0. 0557%. Do you want to wear your oxygen mask?” )

answer = choiceInput( “ Yes”, “ No”)

if(answer == 2):

SystemSpeaking( “ Danger！Mars' atmosphere is full of CO2 . You cannot breath. “ )

END()

onMars()

elif(answer == 1):

SecondOne()

return

# ----------------------------------2 choice---------------------------------

def SecondOne():

SystemSpeaking( “ Capsule gate opening…”)

PeopleSpeaking( “ NASA”,” Okay, please breathe normally as you did on earth. \n| You need to build a living hub for your accommodation and experiments. \n| You have two sites to choose from: site 1 is on a flat plain. site 2 is in a impact crater. “ )

PeopleSpeaking( “ NASA”,” Please remember, most of your equipment relies on solar energy. And, watch out for frequent sandstorms on Mars. Where do you want to build the hub?” )

answer = choiceInput( “ site1”,” site2”)

if(answer == 2):

PeopleSpeaking( “ Craters block a large proportion of sunlight. Cannot charge device sufficiently. Not enough energy for any system! Mission failed. “ )

END()

SecondOne()

elif(answer == 1):

ThirdOne()

return

# ----------------------------------3 choice---------------------------------

def ThirdOne():

SystemSpeaking( “ Report Update: Congratulation, astronaut. All the devices are now full of charge and ready to work. \n| Be careful, a very strong sandstorm is moving towards you. Please stay inside the hub. “ )

PeopleSpeaking( “ NASA”,” storm info: scale:11 velocity: 70 MPH distance: 15 Miles You are now collecting samples from Mars’atmosphere. 15 minutes until collection complete. Do you want to wait until collection complete?” ),

answer = choiceInput( “ Yes”, “ No”)

if(answer == 1):

ForthOne()

elif(answer == 2):

PeopleSpeaking( “ NASA”,” 2 minutes until collection complete. But the sandstorm has arrived. “ )

END()

ThirdOne()

return

# ----------------------------------4 choice---------------------------------

def ForthOne():

SystemSpeaking( “ You have entered the hub. Congratulation, the sandstorm has passed, and the hub is intact. Do you want to check if all systems are still working properly?”)

answer = choiceInput( “ Yes”,” No”)

if(answer == 1):

FifthOne()

elif(answer == 2):

PeopleSpeaking( “ NASA”,” Report Update: Unknown error occurred at airlock 2. All food supply is stored nearby. An explosion has taken place. \nMission failed. \nAstronaut, always check the equipment. “ )

END()

ForthOne()

return

# ----------------------------------5 choice---------------------------------

def FifthOne():

SystemSpeaking( “ Checking: central electricity… \n| air circulation… \n| water supply… \n| heating system… F\n| ortunately, astronaut. All systems are working brilliantly. Next, Please pick up water ice samples from pole region. Rovers are ready. “ )

PeopleSpeaking( “ NASA”,” \n| Geographical info: \n| current coordinates: 72°34’ E 55°63’ N water ice sample coordinates: 79°08’ E 69°21’ N”)

SystemSpeaking( “ Which way do you want to go?”)

answer = choiceInput( “ south west”,” north east”)

if(answer == 1):

SystemSpeaking( “ You have driven 1080 km. The example taking spot should be only 530 km away. “ )

PeopleSpeaking( “ NASA”,” Astronaut, are you sure you have taken the correct direction? There is not enough food supply for you to last for the return trip. \n| Mission failed”)

END()

FifthOne()

elif(answer == 2):

SixthOne()

return

# ----------------------------------6 choice---------------------------------

def SixthOne():

PeopleSpeaking( “ NASA”,” Very well, astronaut. You have arrived at the Planum Boreum. The spot foe sample collecting is only 1. 2 km away. Watch out, the land will be slippery from now on. “ )

SystemSpeaking( “ Do you want to drive your rover nearer?” )

answer = choiceInput( “ Yes”,” No”)

if(answer == 1):

PeopleSpeaking( “ NASA”,” Too slippery! The rover is stuck on this icy land. It cannot gain enough friction to plunge out. Mission failed. “ )

END()

SixthOne()

elif(answer == 2):

SeventhOne()

return

# ----------------------------------7 choice---------------------------------

def SeventhOne():

PeopleSpeaking( “ NASA”,” You have successfully collected enough sample. But, the rover hasn't got sufficient power due to the extremely low temperature here. You can stay and wait for it to charge from the sunlight. “ )

SystemSpeaking( “ Rover charging info: \n| 10% power: 1 h \n| 100% power: 10h \n| during charging, the rover cannot activate any system. \n| You cannot stop charging once charging mode is activated, until charging completes>> \n| current power: 2% \n| total power needed to return to the hub: 90% \n\ temperature info: approx. -63°C \n| Spacesuit info: \n| current power: 76% \n| self-heating function hours left: 3h” )

SystemSpeaking( “ How long do you want to charge your rover?”)

answer = choiceInput( “ 3h”,” 9h”)

if(answer == 2):

PeopleSpeaking( “ NASA”,” It's been 3 hours. Spacesuit heating system run out of power. Rover heating system not available in charging mode. \n| The coldness has killed you. Remember, your safety is alway priority!”)

END()

SeventhOne()

elif(answer == 1):

EighthOne()

return

# ----------------------------------8 choice---------------------------------

def EighthOne():

PeopleSpeaking( “ NASA”,” Astronaut, though the rover is only 30% charged, we have to activate the system and turn on the heating. Or the coldness will kill you in this icy world. Please remember, your safety is the priority. “ )

PeopleSpeaking( “ NASA”,” You have two course to choose: \n| 1. Planum Boreum- Victoria crater - Mount Sharp - Hellas Planitia（Hub） total: 380km \n| 2. Planum Boreum- Acidalia Planitia - Isidis Planitia- Planum Angustum - Hellas Planitia（Hub） total: 660 km”)

PeopleSpeaking( “ DATABASE”,” planetary terms: \n| Crater=circular depression in the surface of a planet \n| Planitia=plain \n| Planum=plateau”)

SystemSpeaking( “ Which way do you want to choose?”)

answer = choiceInput( “ 1”,” 2”)

if (answer == 1):

SystemSpeaking( “ You have driven into the crater, but cannot get out. The rover cannot provide enough traction to go up the steep slope. “ )

PeopleSpeaking( “ NASA”,” You are trapped inside the crater. Remember always to avoid mountains and craters. They may be too steep for your rover. \n| Mission Failed”)

END()

EighthOne()

elif(answer == 2):

NinthOne()

return

# ----------------------------------9 choice---------------------------------

def NinthOne():

PeopleSpeaking( “ NASA”,” This route is a good choice, astronaut. You can charge our rover on the way and save some energy too, since you are going on the plains. “ )

PeopleSpeaking( “ NASA”,” Good, you have arrived at the hub. Congratulations, you have finished the mission. Now you have to plan going home. “ )

SystemSpeaking( “ Report Update: Unknown error occurred to ascending shuttle( for return trip ). Engine failed. May be fuel leakage. “ )

SystemSpeaking( “ Dangerous! What do you want to do?”)

answer = choiceInput( “ wait for instruction from NASA”,” examine it by yourself”)

if (answer == 2):

print( “ | It is indeed fuel leakage…Please remember, stay away from any explosives. They may explode at any time. \n| Unfortunately, you are killed in this explosion. “ )

elif(answer == 1):

PeopleSpeaking( “ NASA”,” NASA Houston: Astronaut, there is an alternative way to go home. You can look for Schiaparelli lander. There may be components necessary for taking off from Mars. “ )

Return

# section created by Blake G2. Y To provide the entry for the program

# Last modify 2016-10-29-23-23

# @ Auther Blake

from Title import\*

from EN import\*

from LaunchRocket import\*

from LifeInTheSpace import\*

from LandingOnMars import\*

from marrss import\*

from Leaving import\*

# chinese, still developing

from CH import\*

# print title and all about the game, helps

printALL()

# save time

def startMission():

ENmain()

LaunchRocket()

InSpace()

MarsLanding()

onMars()

LeftMars()

# select which language does the player wants to use

print( “ choose your language请选择您的语言:”)

language = choiceInput( “ English”,” 中文”)

if language == 1:

startMission()

print( “ EN finished”)

elif language == 2:

print( “ Still developing”)

print( “ jumping to Enlish virsion. “ )

startMission()

print( “ CH finished”)

# use for function test

# check if the function is working properly

# import the library

from lib import\*

# import the function you want to test

# from xxx import\*

# section created by Michael 3778 G2. Y To carry out an cool title

def printTitle():

print( “ /------\\+--+ +--+-------\\--\\ /--+--+--\\ /--+-------+”)

print( “ | | | | | +--+ | \\ / /| |\ \\ / /| +----+”)

print( “ \\ \\--/| | | | +--+ |\\ \\ / / | | \\ \\ / / | |”)

print( “ \\ \\ | | | | ---/ \\ \\ / / | | \\ \\ / / | +---+”)

print( “ /-\\ \\ | \\--/ | |\\ \\ \\ \\/ / | | \\ \\/ / | +---+”)

print( “ | \\| | | \\ \\ \\ / | | \\ / | +----+”)

print( “ \\--------/\\-------/--+ +--+ +--+ +--+ +--+ +-------+”)

def printName():

print( “ --------------------------------------------------------------------”)

print( “ 2016-10-17”)

print( “ --------------------------------------------------------------------”)

def printHelp():

print( “ This is a game that can lead the player through a story line by keep”)

print( “ making choices”)

def printALL():

# print title and all about the game, helps

printTitle()

printName()

printHelp()