# MyNumber.py

# this games uses a home made function

import random

#Think of a number

computer\_number = random.randint(1, 100)

#Create the function is\_same()

def is\_same(target, number):

 if target == number:

 result="Win"

 elif target > number:

 result="Low"

 else:

 result="High"

 return result

# start the game

print("Hello.\nI have thought of a number between 1 and 100.")

# collect the user guess as an integer

guess = int(input("can you guess it?\n"))

# use our function

higher\_or\_lower = is\_same(computer\_number, guess)

# run the game until the user is correct

while higher\_or\_lower !="Win":

 if higher\_or\_lower =="Low":

 guess = int(input("Sorry, you are too low. Try again.\n"))

 else:

 guess = int(input("Sorry, you are too high. Try again.\n"))

 higher\_or\_lower = is\_same(computer\_number, guess)

#end the game

input("Correct!\nWell done\n\nPress RETURN to exit.")