import random

randomnumber=random.randint(1,20)

print (randomnumber)

firstname=input("Enter your first name")

lastname= input("Enter your last name")

print ("Welcome",firstname,lastname)

trial = 1

attempt = 3

while trial <= attempt:

while True:

try:

number=int(input("Please enter a number between 1 to 20 to match one time password"))

except:

print("Sorry! Please enter only integers between 1 to 20")

else:

if (number<1) | (number>20):

print("Please enter between 1 to 20")

else:

break

if randomnumber==number:

print("OTP successfully matched")

break

else:

print("ERROR! Enter the OTP again")

trial=trial+1

if trial <= attempt:

newtrial=input("Would you like to continue? Enter '1' or '2'")

if newtrial=='1':

print("you have few trials left")

else:

print("Thank you!")

break

else:

print("Sorry! program crashed")

break