**Write a program to number guessing game in python.**

**Code**

import random

number = random.randint(1,10)

Attempts= 10

for \_ in range(Attempts):

guess = input("Guess a number between 1 to 10: ")

guess =int(guess)

if guess == number:

print(" Congratulations! You guess the number correctly. ")

elif guess < number:

print("You guessed a lower number")

else:

print("You guessed a higher number ")

print("Sorry! your attempts are over. ")

**OUTPUT:**

