

Guessing game

Due Oct 14 by 11:59pm **Points** 10 **Submitting** a file upload **File Types** py
Available Oct 11 at 8am - Oct 15 at 11:59pm 5 days

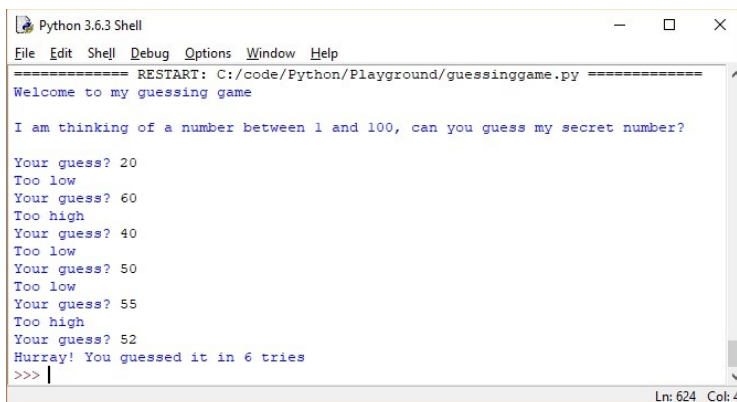
This assignment was locked Oct 15 at 11:59pm.

In this assignment you will write a guessing game, where you will define a secret number in your program and ask the user to guess that number.

Specifically, write a program that

1. Welcomes the user
2. Initializes a secret integer number between 1 and 100 (a number of your choice)
3. In a while loop,
 1. prompts the user to enter the guess (an integer between 1 and 100) and keeps track of number of tries.
 2. If user's guess is not equal to the secret integer, then gives user the feedback as "Too low" if user's guess is less than the secret number, or "Too high" if user's guess is higher than the secret number. Repeats steps 3.1 and 3.2 until the guess is correct.
4. Once the user enters correct guess, ends the while loop, and congratulates the user giving the number of tries the user took.

See the sample run below:



```
Python 3.6.3 Shell
File Edit Shell Debug Options Window Help
===== RESTART: C:/code/Python/Playground/guessinggame.py =====
Welcome to my guessing game

I am thinking of a number between 1 and 100, can you guess my secret number?

Your guess? 20
Too low
Your guess? 60
Too high
Your guess? 40
Too low
Your guess? 50
Too low
Your guess? 55
Too high
Your guess? 52
Hurray! You guessed it in 6 tries
>>> |
```

Make sure you include all the elements of a while loop correctly.

