Number Guessing Game

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Today we are going to use python to design a simple number guessing game.

Game Rules

The game will generate a random number within a specified range. The player will be prompted to enter their guess. If the guess is incorrect, the game will provide feedback indicating whether the guess is too high or too low. The player will continue guessing until they guess the correct number. After guessing the correct number, the game will display the number of attempts it took for the player to guess correctly.

Implementation requirement

You can savely assume each guess from the user would be a number in the correct range, no mistyping. you need to display a welcome message, "Welcome to Number guessing game" at the beginning of the game. For each guess: you should output one of the following: "Too High", "Too Low", "That's correct, You win."

At the end, you should output the correct number, and number of the attempts: "The correct number is 57, You attempted 6 times."

Sample Output

Welcome to Number guessing game: The secret number has been generated, Please type your guess: 15 Too High 11 Too Low 13 That's correct, You win. The correct number is 13, You attempted 3 times.

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import randomprint(random.randint(3, 9))
```