

Number Guessing Game with Python

In this project, I will walk you through how to create a number guessing game with the programming language Python.

A guessing game includes handling user input, using the if statement as well as looping constructs.

How Number Guessing Game Works?

The program randomly selects a number between 1 and 100 or any other combination of numbers.

It will then ask the player to enter his proposal.

It will then check if this number is the same as the one generated randomly by the computer; if so, the player wins.

If the players guess is not the same, then he will check if the number is higher or lower than the guess and tell the player.

Python Code:

```
# to import random module
import random
# to create a range of random numbers between 1-100
n = random.randrange(1,100)
# to take a user input to enter a number
guess = int(input("Enter any number: "))
while n != guess: # means if n is not equal to the input guess
    if guess < n:
        print("Too low")
        guess = int(input("Enter number again: "))
    elif guess > n:
        print("Too high!")
        guess = int(input("Enter number again: "))
    else:
        break
print("you guessed it right!!")
```

Sample Output:

```
Enter any number: 67
Too high!
Enter number again: 45
Too low
Enter number again: 50
Too low
Enter number again: 55
Too high!
Enter number again: 52
```

```
Too low  
Enter number again: 54  
you guessed it right!!
```

I hope you liked this article on Guessing Game with Python programming language.