**Number Guessing Game with Python**

In this article, 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?

A number guessing game aims to guess the number that the program has come up with. Essentially the program logic is:

1. The program randomly selects a number between 1 and 100 or any other combination of numbers.
2. It will then ask the player to enter his proposal.
3. It will then check if this number is the same as the one generated randomly by the computer; if so, the player wins.
4. If the player’s guess is not the same, then he will check if the number is higher or lower than the guess and tell the player.

Now let’s see how to create a guessing game with Python.

1. # to import random module
2. import random
3. # to create a range of random numbers between 1-10
4. n = random.randrange(1,100)
5. # to take a user input to enter a number
6. guess = **int**(input("Enter any number: "))
7. **while** n!= guess: # means **if** n is not equal to the input guess
8. # if guess is smaller than n
9. **if** guess < n:
10. print("Too low")
11. # to again ask for input
12. guess = **int**(input("Enter number again: "))
13. # if guess is greater than n
14. elif guess > n:
15. print("Too high!")
16. # to again ask for the user input
17. guess = **int**(input("Enter number again: "))
18. # if guess gets equals to n terminate the while loop
19. **else**:
20. **break**
21. print("you guessed it right!!")