NUMBER GUESSING GAME

21CSS101J – PROGRAMMING FOR PROBLEM SOLVING

Mini Project Report

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PROBLEM STATEMENT

The given code is a number guessing game in which the program selects a random number between two numbers, and the user guesses the correct number.

METHODOLOGY/PROCEDURE

To create a guessing game, we need to write a program to select a random number between 1 and 10. To give hints to the user, we can use conditional statements to tell the user if the guessed number is smaller, greater than or equal to the randomly selected number.

CODING

```
import random
n = random.randrange(1,10)
guess = int(input("Enter any number: "))
while n!= 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!!")
```

RESULT

If the guessed number is lower than the randomly selected number, the user will see "too low". If the guessed number is higher than the randomly selected number, the user will see "too high". When the user guesses the correct number, "you guessed it right!!" will be displayed in the output.

FOR EXAMPLE:

Enter any number: 2

Too low

Enter number again: 5

Too low

Enter number again: 8

you guessed it right!!

CONCLUSION

The above program has been successfully executed. I made this program using Python Language and used its various functions. This was an interesting project that helped us to understand the language more and made it more interesting for us.