

G. H. Rasoni College Of Engineering And Management, Wagholi Pune

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Group A :-Assignment no :-7

Department	<u>CE [SUMMER 2022 (Online)]</u>		
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Subject Name /Code	<u>Python for Data Science / UCSP204</u>		
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Group A: Assignment No 7

- ▶ Aim :- write a program that generates a random number and asks the user to guess what the number is.

If the user's guess is higher than the random number, the program should display "Too high, try again."

If the user's guess is lower than the random number, the program should display "Too low, try again."

The program should use a loop that repeats until the user correctly guesses the random number. Program should count and display number of tries to win the game.

randi

- ▶ Theory :-

- ▶ randint() :-

* randint is an inbuilt function of the random module in Python3.

Syntax :-

randint (Start, end)

The randint() function can be used to simulate a lucky draw situation.

Here I have used to generate a random

number in range of 1 to 100

► Conclusion :->

Hence conclude that Using Conditional loop, control loop and operators should count and display number of tries to win the game

In [1]:

```
print("*****SCOB77_Pratham pitty_Group A_Assignment_7*****")
print("\n-----")
import random
computer = random.randint(1,100)
player = 0
tries=0
print("Guess My Number Game")
while(player != computer):
    player = int(input('Enter your guess: '))
    tries = tries + 1
    if player < computer:
        print('Too low, try again.')
    elif player > computer:
        print('Too high, try again.')
    else:
        print("Correct!,you got it in",tries,"tries")
print("\n-----")
```

*****SCOB77_Pratham pitty_Group A_Assignment_7*****

Guess My Number Game

Enter your guess: 4

Too low, try again.

Enter your guess: 20

Too high, try again.

Enter your guess: 13

Too low, try again.

Enter your guess: 15

Correct!,you got it in 4 tries

In []:

In []: