

PYTHON PROJECT

Lottery Game

Name :: Shalini Tigga

Section :: K22EP

Reg No. :: 12205663

Roll No. :: 13

Group Members :: Shalini, Ritesh, Kirti

Project no :: 5

#QUESTION

The task is to create a script that generates a random number between a fixed range, and if the user guesses the number right in three chances, then user wins otherwise user lose.

This game user can play as many numbers of times and whenever user wins a score is to be given to the user.

At the end the users score must be displayed on the screen.

Hint: Make use of random module to design the game

Abstract steps:

The user enters the lower and upper bounds of the range.

As a result, the compiler generates a random integer between the range and stores it in a variable for future use.

A while loop will be created for repetitive guessing.

When a user guesses a number that is greater than a randomly selected number, the user receives the message “have one more try”. Your guess was too high.

If the user guesses a number smaller than a randomly selected number, the user gets an output of “have one more try “. Your guess was too small”

In addition, if the user guesses within a minimum number of attempts, they get a “Congrat’s” message and also get the winning scores.

If the user fails to guess the integer in the minimum number of guesses, he/she will receive a “Better Luck Next Time!

(Student is free to decide the input and output layout for this mini project)

#CODE

```
import random
```

```
lower = int(input("Enter the lower range"))
```

```
upper = int(input("Enter the upper range"))
```

```
r = random.randint(lower,upper)
```

```
i = 0
```

```
while (i <3):
```

```
    guess = int(input("\nEnter your guess: "))
```

```
    if ( guess!=r and guess<r):
```

```
        if(i==2):
```

```
            i=4
```

```
            break
```

```
            print("\nHave one more try,your guess was too small.")
```

```
    elif(guess!=r and guess>r):
```

```
        if(i==2):
```

```
            i=4
```

```
            break
```

```
            print("\nHave one more try,your guess was too high.")
```

```
    else:
```

```
    print("\nCongratulations!! You got the right answer.")
    break
    i = i+1
if(i ==0):

    print("You got it right on the first try")
elif(i==1):
    print("You got it right on the second try")
elif(i==2):
    print("You got it right on the last try")
else:
    print("Better luck next time!!")
```

#OUTPUT

```
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 b  
AMD64)] on win32
```

```
Type "help", "copyright", "credits" or "license()" for more information.
```

```
===== RESTART: C:\Users\hp\Desktop\Shalini Tigga\z python\project.py =====
```

```
Enter the lower range3
```

```
Enter the upper range10
```

```
Enter your guess: 7
```

```
Have one more try,your guess was too high.
```

```
Enter your guess: 4
```

```
Have one more try,your guess was too small.
```

```
Enter your guess: 5
```

```
Better luck next time!!
```

```
===== RESTART: C:\Users\hp\Desktop\Shalini Tigga\z python\project.py =====
```

```
Enter the lower range1
```

```
Enter the upper range10
```

```
Enter your guess: 4
```

```
Have one more try,your guess was too high.
```

```
Enter your guess: 3
```

```
Congratulations!! You got the right answer.
```

```
You got it right on the second try
```