

## Day 5 Assignments:

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1  """
2  Q.1 7 Up or Down Game
3
4  You are tasked with creating a "7 Up or Down" game where the user has to guess
5  whether a randomly generated number is above, below, or equal to 7.
6  Your program should use the random module to generate a random number
7  between 1 and 13 (inclusive). The user should then be prompted to make
8  their guess. If the user's guess matches the random number, they win!
9  Otherwise, they lose.
10
11 Here are the specific requirements for your program:
12 1. Your program should generate a random number between 1 and 13 (inclusive)
13 using the random module.
14 2. Your program should prompt the user to enter their guess (above, below,
15 or equal to 7) and store it in a variable.
16 3. Your program should compare the user's guess to the random number and
17 print "You win!" if they guessed correctly, or "Sorry, you lose." if they guessed incorrectly.
18 4. Your program should handle invalid user input (e.g. if the user enters
19 "between" instead of "above" or "below").
20 """
21
22 import random
23 random_no = random.randint(1,13)
24 user_guess=input("Enter you guess if the number is - '1.above, 2.below, or 3.equal' to 7 \n").lower
25 if user_guess=='above' or user_guess=='below' or user_guess=='equal':
26     if user_guess=='above' and random_no>7:
27         print(f"You win!. The random no was -{random_no}")
28     elif user_guess=='below' and random_no<7:
29         print(f"You win!. The random no was -{random_no}")
30     elif user_guess=='equal' and random_no==7:
31         print(f"You win!. The random no was -{random_no}")
32     else:
33         print(f"Sorry, you lose. The random no was -{random_no}")
34 else:
35     print("Incorrect input. Please enter the specified input (above, below, equal)")
```