



# **REPORT OF HOW TO BUILT A DICTIONARY WHICH CONTAIN MULTIPLE QUIZ QUESTIONS**

**AS A PROJECT WORK FOR THE COURSE**

**PYTHON PROGRAMMING ( INT 108 )**

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## **DECLARATION**

I HARA PRASAD DAS Regd No:- 12203851 here by declare that the project work reported entitled “To build a dictionary which contains multiple true/false type quize questions ” in partial fulfilment of the requirement for the award of Degree for Bachelors of

Technology in CSE at Lovely Professional University, Phagwara, Punjab is an authentic work carried out under supervision of my supervisor Ms. Manbir Kaur. The content of this project represents authentic and honest effort conducted, in its entirety, by me. I am fully responsible for the contents of my project work.

Student Name: HARA PRASAD DAS  
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Student Signature :-  
HARA PRASAD DAS

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# PYTHON

## 1.1 INTRODUCTION :-----

Python is a popular general-purpose programming language. It is used in machine learning, web development, desktop applications, and many other fields. Fortunately for beginners, Python has a simple, easy-to-use syntax. This makes Python a great language to learn for beginners.

In my code I use import random ,if...else, for loop, I had kept the questions in list, and used random choice to choose random questions for the input list of questions. Every time a user plays the game he or she will get a new questions. And the scores will be calculates the score after each question. If you answer correctly it appreciates you and calculates your score. And at the end it tells you the total score.

## 1.2 LOOPS/FUNCTION/ :-----

**If....else :-** The if-else statement is used to execute both the true part and the false part of a given condition. If the condition is true, the if block code is executed and if the condition is false, the else block code is executed.

**For loop :-** A for loop is used for iterating over a sequence (that is either a list, a tuple, a dictionary, a set, or a string). This is less like the for keyword in other programming languages, and works more like an iterator method as found in other object-orientated programming languages.

**Import random:-** The Python import random module in Python defines a series of functions for generating or manipulating random integers. Python random() is a pseudo-random number generator function that generates a random float number between 0.0 and 1.0, is used by functions in the random module.

### **1.3 PROJECT:-----**

**How to build a dictionary (Or any other container of your choice) which contains multiple True/false type quiz questions.**

**Every participant/user will attempt 5 rounds and in each round random quiz questions will be displayed to the user/participant.**

**If the participant answers the quiz question correct, then congratulate him and add the scores.**

**At the end display the details and score of the participant.**

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

### **1.4 CODE :-----**

```
test.py x python project 0000000000 html project.html
test.py > ...
1 import random # imports random module
2
3 name=input("Enter Your Name: ")
4 print(name,"lets have quiz...")
5 print()
6
7 questions=[" NYC is the financial District of the world ?", "Mumbai is the capital city of india ?", "London
is the capital city of U.K ?", " Washington D.C is the capital city of America ?", "Austria is in the
southern hemisphere part of the world ?", "Japan is in Antartica continent?", "China is a demoratic country"]
8 que_li = {" NYC is the financial District of the world ?":"t", "Mumbai is the capital city of india ?":"f",
"London is the capital city of U.K ?":"t", " Washington D.C is the capital city of America ?":"t", "Austria
is in the southern hemisphere part of the world ?":"t", "Japan is in Antartica continent?":"f", "China is a
demoratic country":"f"}
9
10 score=0
11
12 n=len(que_li)
13
14 for i in range(5):
15
16     random_question = random.choice(questions) # takes a random question from question list
17     print(random_question)
18     print("-----")
19     a=""
20
21     while a not in ["t","f"]: # while loop condition to check wether the uset input is t or f
22         a = input("Answer t/f:--")
23         if a not in ["t","f"]:
24             print("Enter Valid input")
25
```

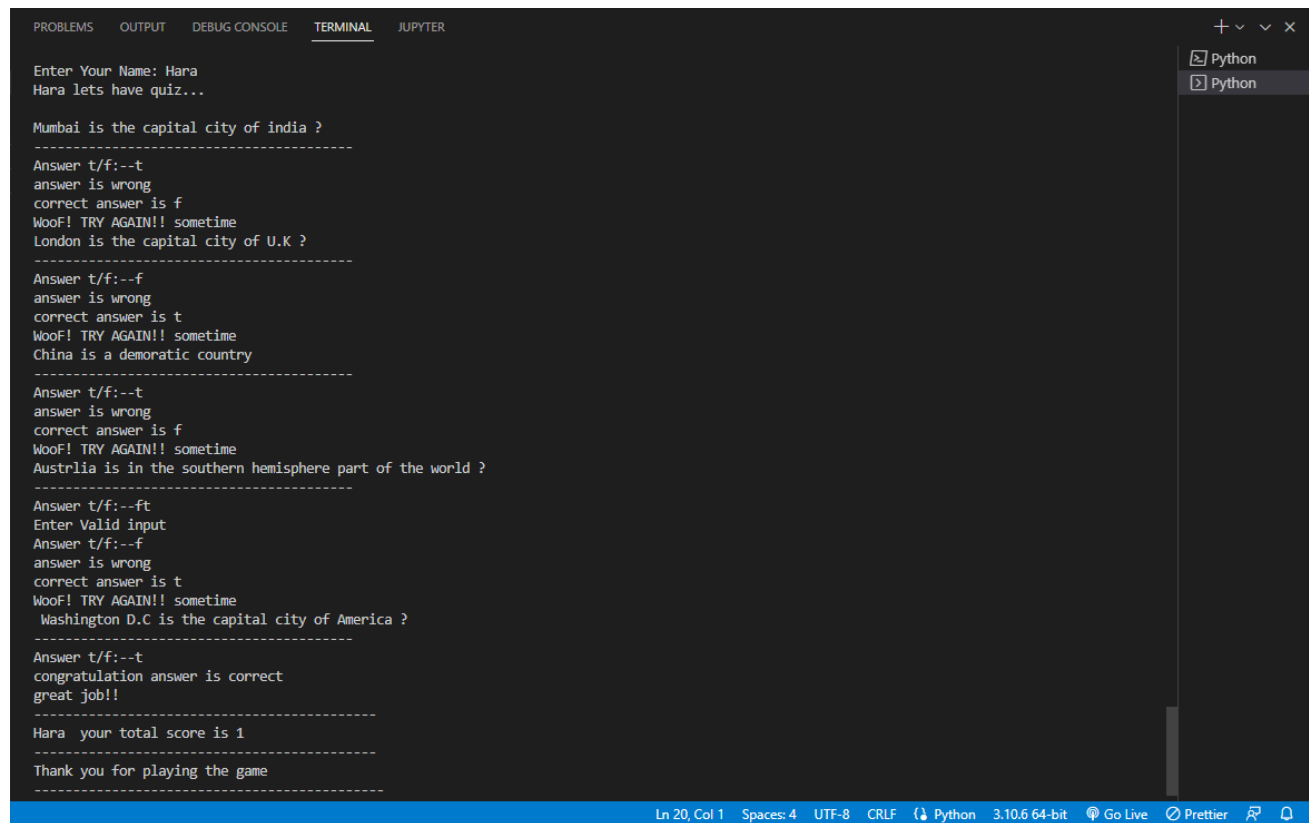
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```
test.py x python project 0000000000 html project.html
test.py > ...

15
16 random_question = random.choice(questions) # takes a random question from question list
17 print(random_question)
18 print("-----")
19 a=""
20
21 while a not in ["t","f"]: # while loop condition to check whether the user input is t or f
22     a = input("Answer t/f:--")
23     if a not in ["t","f"]:
24         print("Enter Valid input")
25
26 if a == que_li[random_question]: # condition that check whether the answer is correct or not
27     score += 1
28     print("congratulation answer is correct")
29     print("great job!!")
30     questions.remove(random_question)
31
32 else:
33     print("answer is wrong")
34     print("correct answer is", que_li[random_question])
35     print("WooF! TRY AGAIN!! sometime")
36     questions.remove(random_question)
37 print("-----")
38 print(name, " your total score is", score)
39 print("-----")
40 print("Thank you for playing the game")
41 print("-----")
42 print("let's have an another round")
43
```

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## 1.5 RESULTS :-----OUTPUT – 1



The screenshot shows a Jupyter Notebook interface with a terminal window open. The terminal displays the output of a Python script that runs a quiz game. The game asks five questions, each with a true/false prompt and a feedback message. The user's answers are 't', 'f', 't', 'f', and 't'. The game concludes by displaying the total score as 1 and thanking the user for playing.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER

Enter Your Name: Hara
Hara lets have quiz...

Mumbai is the capital city of india ?
-----
Answer t/f:--t
answer is wrong
correct answer is f
WooF! TRY AGAIN!! sometime
London is the capital city of U.K ?
-----
Answer t/f:--f
answer is wrong
correct answer is t
WooF! TRY AGAIN!! sometime
China is a demoratic country
-----
Answer t/f:--t
answer is wrong
correct answer is f
WooF! TRY AGAIN!! sometime
Austria is in the southern hemisphere part of the world ?
-----
Answer t/f:--ft
Enter Valid input
Answer t/f:--f
answer is wrong
correct answer is t
WooF! TRY AGAIN!! sometime
Washington D.C is the capital city of America ?
-----
Answer t/f:--t
congratulation answer is correct
great job!!
-----
Hara  your total score is 1
-----
Thank you for playing the game
-----

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```

## OUTPUT – 2



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER

top/html files/test.py"
Enter Your Name: Rahul
Rahul lets have quiz...

London is the capital city of U.K ?
-----
Answer t/f:--t
congratulation answer is correct
great job!!
Mumbai is the capital city of india ?
-----
Answer t/f:--f
congratulation answer is correct
great job!!
China is a demoratic country
-----
Answer t/f:--t
answer is wrong
correct answer is f
WooF! TRY AGAIN!! sometime
Japan is in Antartica continent?
-----
Answer t/f:--ft
Enter Valid input
Answer t/f:--f
congratulation answer is correct
great job!!
NYC is the financial District of the world ?
-----
Answer t/f:--t
congratulation answer is correct
great job!!
-----
Rahul your total score is 4
-----
Thank you for playing the game
-----
let's have an another round
PS C:\Users\rahul\OneDrive\Desktop\html files>
```

Python

Python

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