A Python Report

Project Title:-

Dictionary True/False type Quiz game

Project 9: You have 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 layout for this mini project)

BACHELOR OF TECHNOLOGY

Computer science and Engineering

Submitted to

ANURAG SIR

LOVELY PROFESSIONAL UNIVERSITY

PHAGWARA, PUNJAB

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ACKNOWLEDGEMENT

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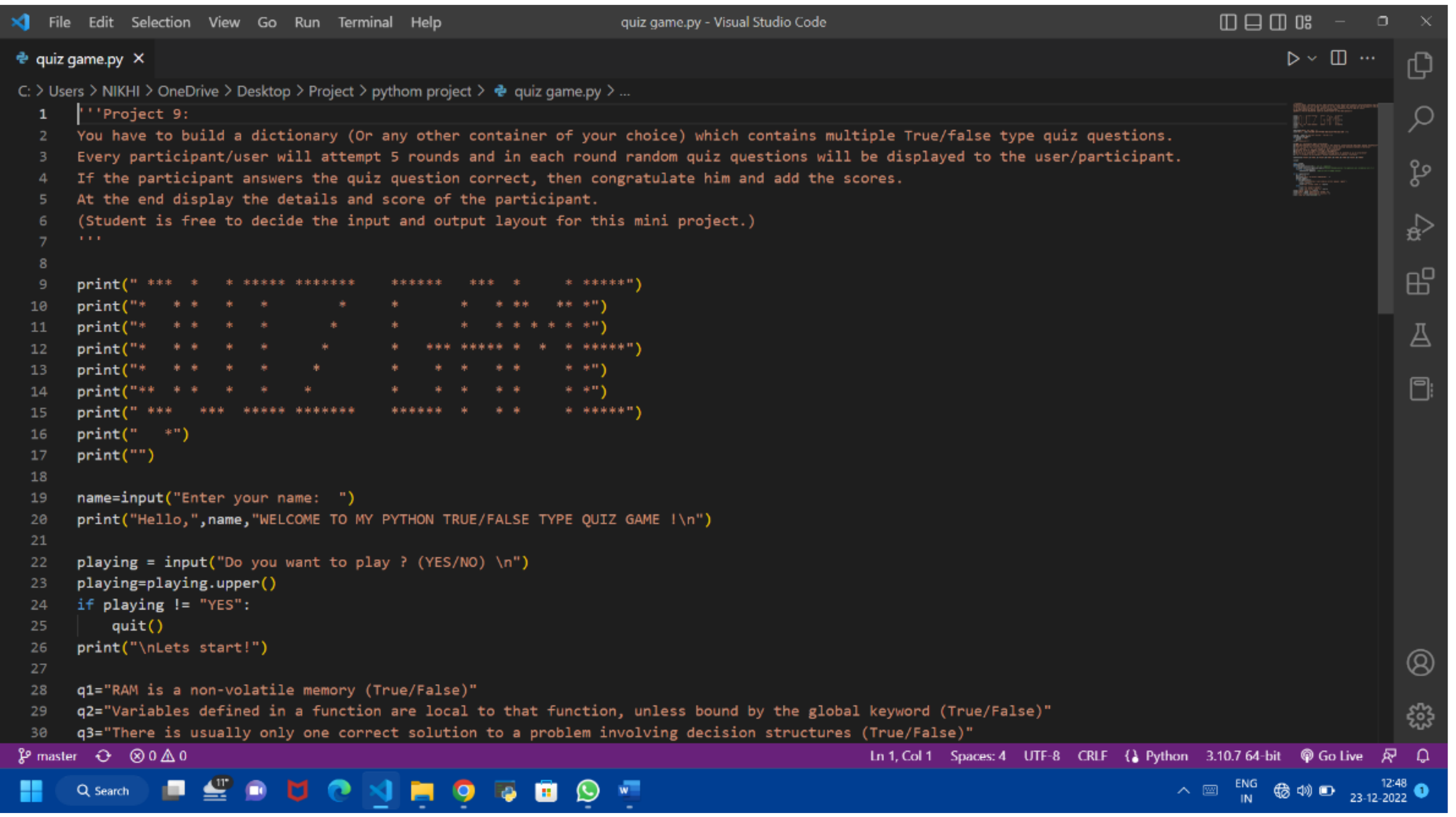
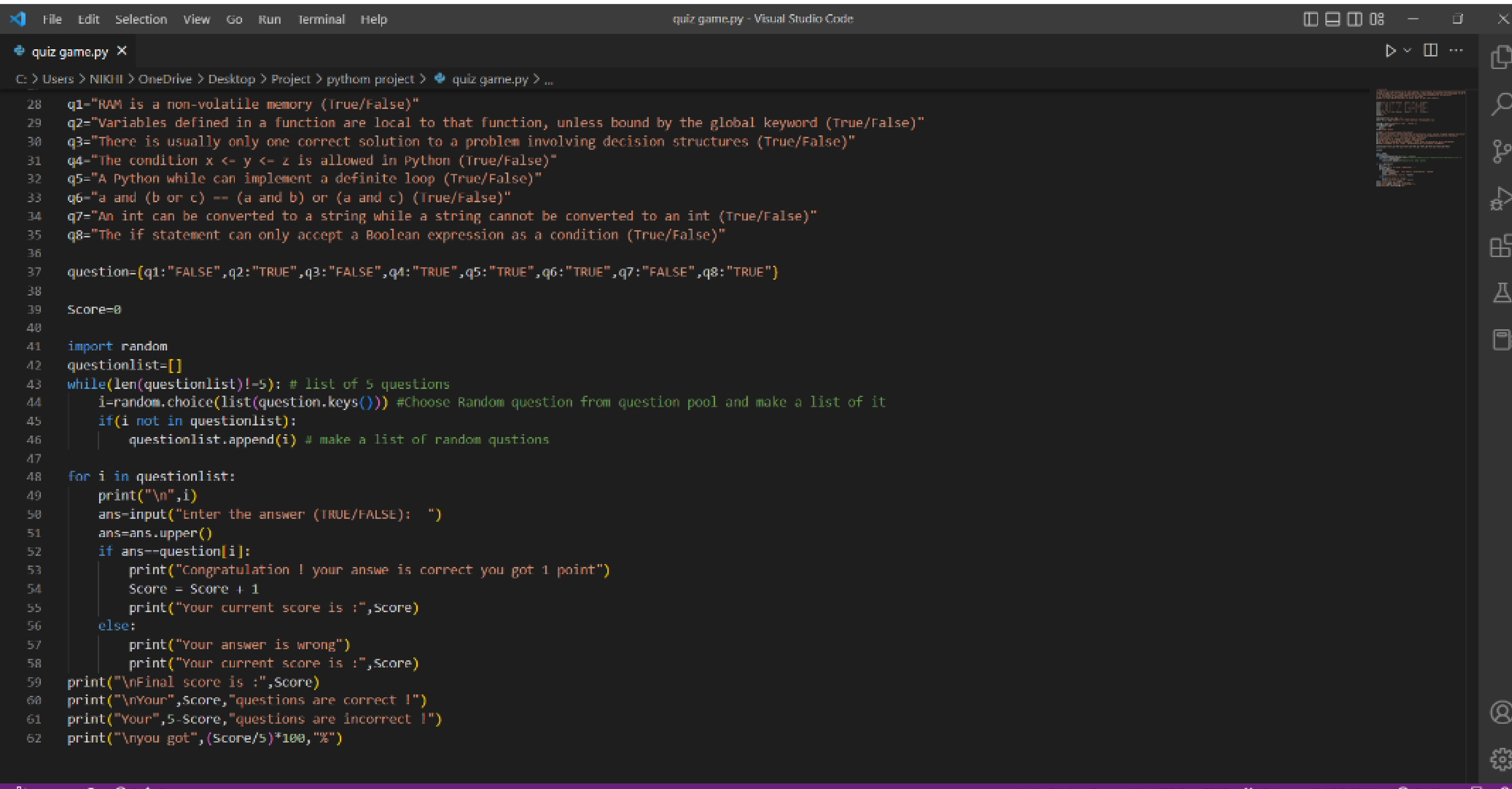
DESIGN AND SOURCE CODE:- ***SOURCE CODE:-***






```
'''Project 9:
You have 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 layout for this mini project.)
'''

print("*** * ************  ****** *** *  ******")
print("* ** * *    *  *   * *** ** *")
print("* ** * *   *   *   * ****** *")
print("* ** * *   *   * ********* * ******")
print("* ** * *  *    *  * * **  ** *")
print("** ** * *  *    *  * * **  ** *")
print("*** *** ************  ****** * **  ******")
print("  *")
print("")
print("")

name=input("Enter your name:  ")
print("Hello,",name,"WELCOME TO MY PYTHON TRUE/FALSE TYPE QUIZ GAME !\n")

playing = input("Do you want to play ? (YES/NO) \n")
playing=playing.upper()
if playing != "YES":
    quit()
print("\nLets start!")

q1="RAM is a non-volatile memory (True/False)"
```

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q2="Variables defined in a function are local to that function, unless bound by the global keyword (True/False)"
q3="There is usually only one correct solution to a problem involving decision structures (True/False)"
q4="The condition x<= y<= z is allowed in Python (True/False)"
q5="A Python while can implement a definite loop (True/False)"
q6="a and (b or c) == (a and b) or (a and c) (True/False)"
q7="An int can be converted to a string while a string cannot be converted to an int (True/False)"
q8="The if statement can only accept a Boolean expression as a condition (True/False)"

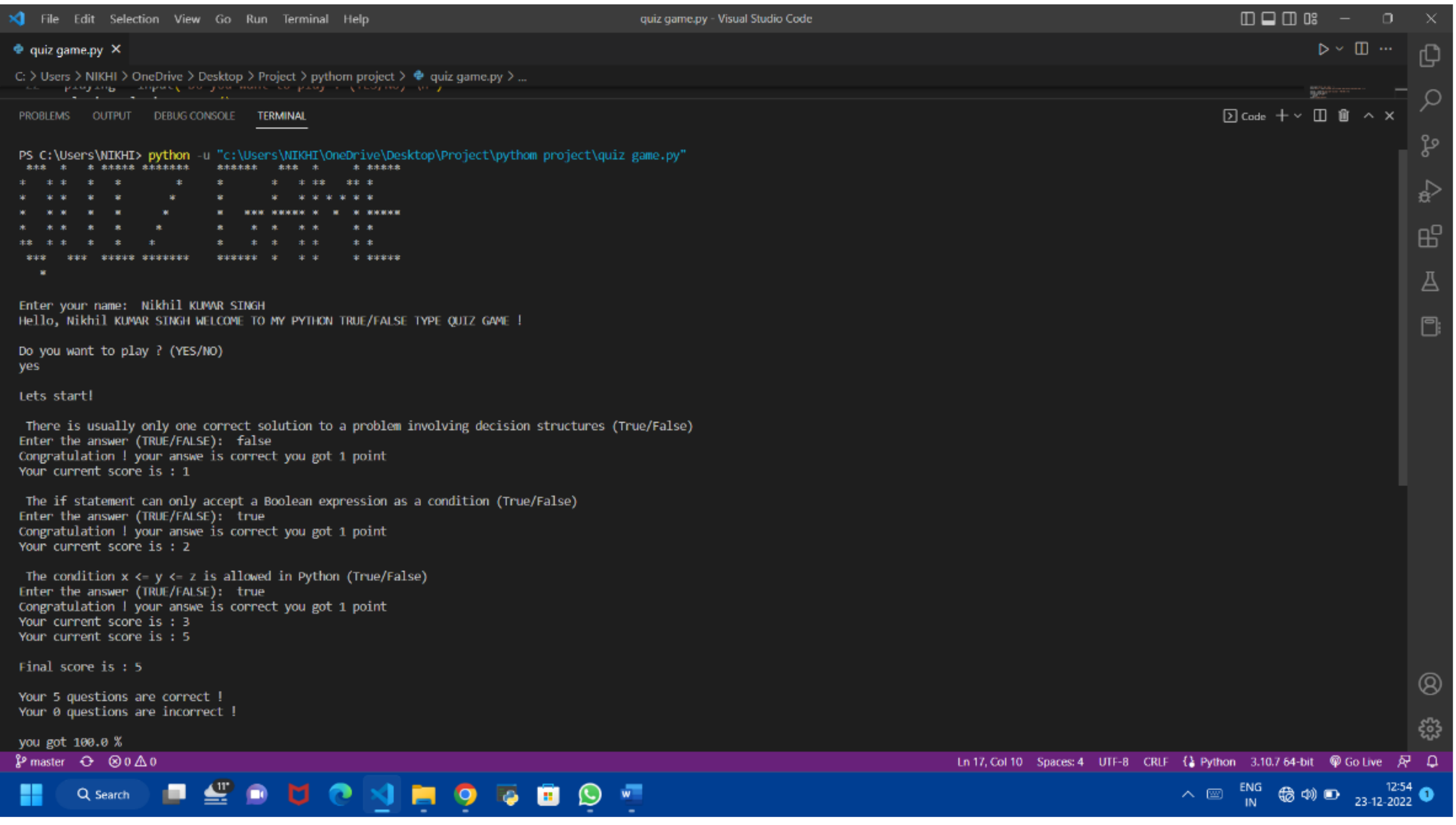
question={q1:"FALSE",q2:"TRUE",q3:"FALSE",q4:"TRUE",q5:"TRUE",q6:"TRUE",q7:"FALSE",q8:"TRUE"}

Score=0

import random
questionlist=[]
while(len(questionlist)!=5): #list of 5 questions
  i=random.choice(list(question.keys())) #Choose Random question from question pool and make a list of it
  if(i not in questionlist):
    questionlist.append(i) #make a list of random qustions

for i in questionlist:
  print("\n",i)
  ans=input("Enter the answer (TRUE/FALSE):  ")
  ans=ans.upper()
  if ans==question[i]:
    print("Congratulation ! your answe is correct you got 1 point")
    Score = Score + 1
    print("Your current score is :",Score)
  else:
    print("Your answer is wrong")
    print("Your current score is :",Score)
print("\nFinal score is :",Score)
print("\nYour",Score,"questions are correct !")
print("Your",5-Score,"questions are incorrect !")
print("\nyou got",(Score/5)*100,"%")
```

Result page:-



Enter your name: Nikhil KUMAR SINGH

Hello, Nikhil KUMAR SINGH WELCOME TO MY PYTHON TRUE/FALSE TYPE QUIZ GAME !

Do you want to play ? (YES/NO)

yes

Lets start!

There is usually only one correct solution to a problem involving decision structures (True/False)

Enter the answer (TRUE/FALSE): false

Congratulation ! your answe is correct you got 1 point

Your current score is : 1

The if statement can only accept a Boolean expression as a condition (True/False)

Enter the answer (TRUE/FALSE): true

Congratulation ! your answe is correct you got 1 point

Your current score is : 2

The condition x <= y <= z is allowed in Python (True/False)

Enter the answer (TRUE/FALSE): true

Congratulation ! your answe is correct you got 1 point

Your current score is : 3

Your current score is : 5

Final score is : 5

Your 5 questions are correct !

Your 0 questions are incorrect !

you got 100.0 %

Conclusion

We hope and wish that this document will help you to understand our minimalist but attractive project as I had tried something different from usual. We used Python for logic.