



PYTHON PROJECT

Continuous Assessment 1

School of Computer Science and Engineering

Name of the faculty member:- **Mr.Anurag Mishra**

Course Code: **INT108**

Course Title:-**Python Programming**

Maximum marks:-**30**

Time:-**1.5 weeks**

Date of Allotment:-**16/NOV/2022**

Date of Submission:-**26/NOV/2022**

Submitted by:

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GROUP/PROJECT NUMBER:

Project Statement:

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.

Project Solution Code:

#Quiz Game

question={"In school, Albert Einstein failed most of the subjects, except for physics and math.":"Yes",

"The first song ever sung in the space was Happy Birthday.":"Yes",

"A male canary tends to have a better singing voice than a female canary.":"Yes",

"Tea contains more caffeine than coffee and soda":"No",

"Dogs have an appendix.":"No",

"Bill Gates is the founder of Amazon.":"No",

"Mice have more bones than humans.":"Yes",

"The first product with a bar was chewing gum":"Yes",

"The Beatles is a famous rock band from Manchester, the United Kingdom":"No",

"The star is the most common symbol used in all national flags around the world.":"Yes"}#Pool of questions

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 questions

```

score=0
print(""" 8""""8      8""""8
8 8 e e e eeeee 8 " eeeee eeeeeee eeee
8 88 88 " 8 8e 8 88 8 88
8 88e 88e eeee8 88 ee 8eee8 8e 8 88eee
8 ____888 88888 88 888 8888 8 888
8e8888 88ee8 88 88ee8 88eee8 88 888 8 88ee
""")

```

```

for i in questionlist:

```

```

    print("\n"+i)

```

```

    a=input("\nEnter Yes or No: ")

```

```

    if((a.capitalize()==question[i]):

```

```

        print("\nRight answer! +5 points")

```

```

        score+=5

```

```

    else:

```

```

        print("\nWrong answer!")

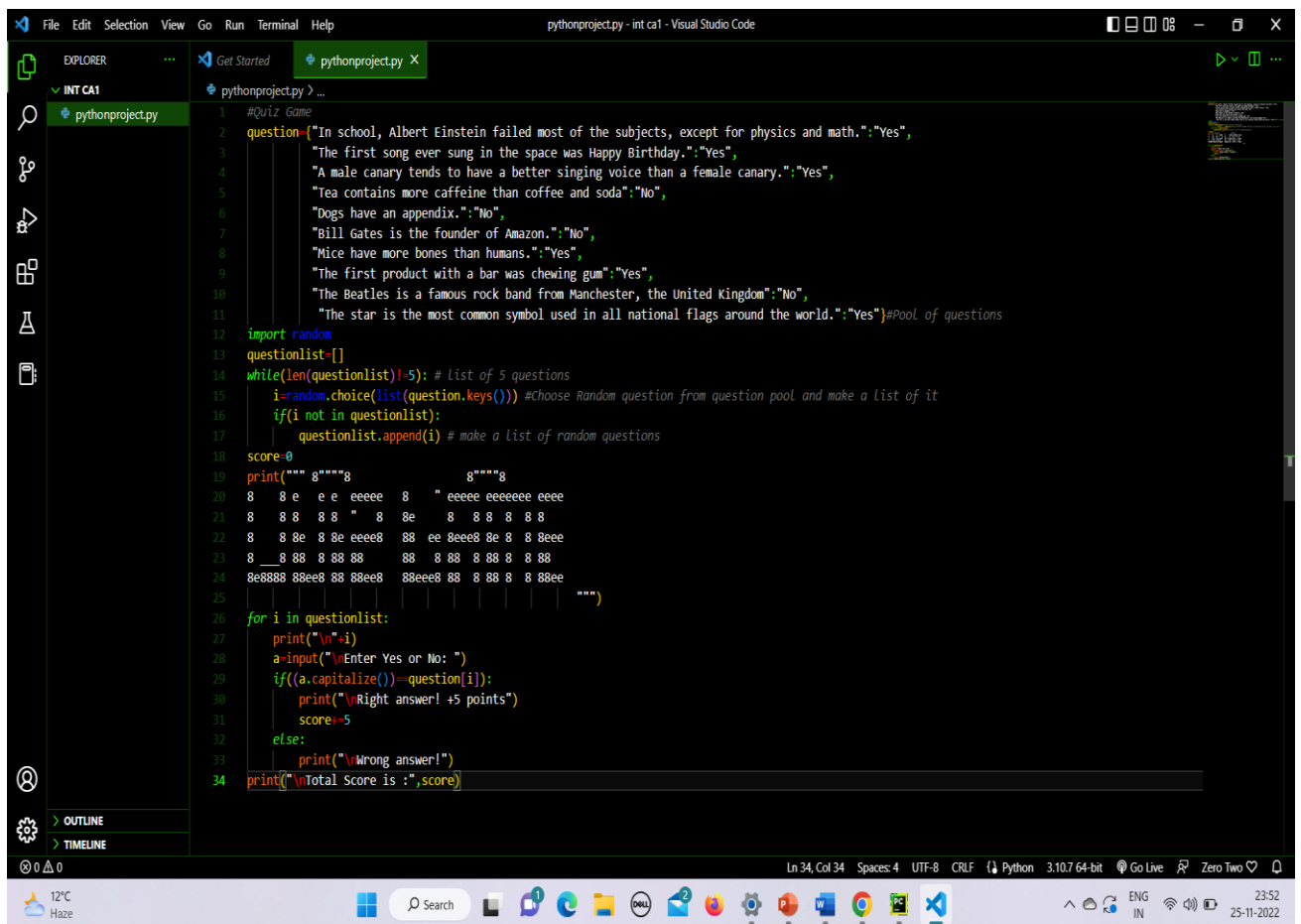
```

```

print("\nTotal Score is :",score)

```

CODE IMPLEMENTATION:



The image shows a Visual Studio Code editor window with a Python file named `pythonproject.py`. The code implements a quiz game. It starts with a list of 10 questions and their answers. A random selection of 5 questions is made. The user is prompted to answer each question, and the score is updated accordingly. The game ends by printing the total score.

```
1 #Quiz Game
2 question={"In school, Albert Einstein failed most of the subjects, except for physics and math.":"Yes",
3           "The first song ever sung in the space was Happy Birthday.":"Yes",
4           "A male canary tends to have a better singing voice than a female canary.":"Yes",
5           "Tea contains more caffeine than coffee and soda":"No",
6           "Dogs have an appendix.":"No",
7           "Bill Gates is the founder of Amazon.":"No",
8           "Mice have more bones than humans.":"Yes",
9           "The first product with a bar was chewing gum":"Yes",
10          "The Beatles is a famous rock band from Manchester, the United Kingdom":"No",
11          "The star is the most common symbol used in all national flags around the world.":"Yes"}#Pool of questions
12 import random
13 questionlist=[]
14 while(len(questionlist)!=5): # List of 5 questions
15     i=random.choice(list(question.keys())) #Choose Random question from question pool and make a list of it
16     if(i not in questionlist):
17         questionlist.append(i) # make a list of random questions
18 score=0
19 print(""" 8****8                8****8
20 8 8 e e e eeeee 8 " eeeee eeeeeee eeee
21 8 8 8 8 " 8 8e 8 8 8 8 8
22 8 8 8e 8 8e eeee8 88 ee 8eee8 8e 8 8 eee
23 8 __ 8 88 8 88 88 88 8 88 8 88 8 8 88
24 8e8888 88ee8 88 88ee8 88 8 88 8 8 88ee
25 """)
26 for i in questionlist:
27     print("\n"+i)
28     a=input("\nEnter Yes or No: ")
29     if((a.capitalize())==question[i]):
30         print("\nRight answer! +5 points")
31         score+=5
32     else:
33         print("\nWrong answer!")
34 print("\nTotal Score is :",score)
```

OUTPUT OF CODE:

The screenshot displays the Visual Studio Code editor interface. The Explorer pane on the left shows a file named 'pythonproject.py' under a folder 'INT CA1'. The main editor area shows the content of 'pythonproject.py', which is a Python script for a game called 'Tea'. The script includes a title, a copyright notice, a link to PowerShell documentation, and a series of questions with corresponding answers and scores. The Terminal pane at the bottom shows the execution of the script, displaying the program's output and the user's input.

```
pythonproject.py - int ca1 - Visual Studio Code

EXPLORER
INT CA1
pythonproject.py

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\WM\OneDrive\Desktop>int ca1 & C:\Users\WM\AppData\Local\Programs\Python\Python310\python.exe "c:\Users\WM\OneDrive\Desktop\int ca1\pythonproject.py"
88
8 8 e e e e e e e e 8 " e e e e e e e e e e e e e e
8 8 8 8 8 " 8 8e 8 8 8 8 8 8
8 8 8e 8 8e e e e e e e 88 ee 8 e e e e 8 8 8 8 e e e
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
8e8888 88ee8 88 88ee8 88 8 88 8 8 8e e

Tea contains more caffeine than coffee and soda

Enter Yes or No: yes

Wrong answer!

The first product with a bar was chewing gum

Enter Yes or No: yes

Right answer! +5 points

Bill Gates is the founder of Amazon.

Enter Yes or No: yes

Wrong answer!

The star is the most common symbol used in all national flags around the world.

Enter Yes or No: yes

Right answer! +5 points

A male canary tends to have a better singing voice than a female canary.

Enter Yes or No: yes

Right answer! +5 points

Total Score is : 15

Ln 34, Col 34 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit Go Live Zero Two 23:57 25-11-2022
```

THANK YOU