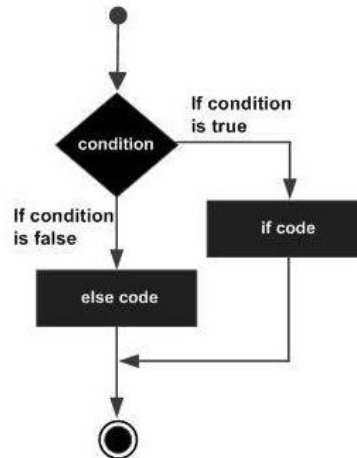# AI – Report File

Topic – Quiz Application

<u>Abstract</u> : Quiz Application using Python and it calculate marks themselves and give suggestion to the students to increase marks in next chance.the main advantage of this project is , we no need to write additional script for quiz questions, it is written within.

<u>Introduction</u> : The project file contains python scripts (quiz.py). This Python Application project just contains the user section. The user can give the exam by entering name. After giving the exam, the user can see their score and evaluate themselves, it will showhow many answars was wrong & right . & One of the main benefits of our system is automated marking, that is, teachers do not need to check the answer script as they do in manual quiz. It saves valuable time of a teacher. On the other hand, students can score according to his/her merit level and it will give feedback about a student in which side he/she is weak. The design of this project is pretty simple so that the user won't find any difficulties while working on it.

<u>Proposed Methodology</u> :

- time Module : it will help us to handle various operation regarding time.we can delay our continous execution of code for loading next quiz.

- Def global variable : we use it because if a variable with same name is defined inside the scope of function as well then it will print the value given inside the function only and not the global value.

- Decision Making Loop : we use " If - Elif - Else " for decision making. The **elif** statement will allows us to check multiple expressions for TRUE and execute a block of code as soon as one of the conditions evaluates to TRUE.

Result & Discussion :

- For taking exam first, code will ask your name.


```
*Python 3.7.4 Shell*
File  Edit  Shell  Debug  Options  Window  Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
======== RESTART: C:\Users\YASH COMPUTERS\Desktop\quiz application.py ========
What's your name?
```

- After entering Name, code will give instruction for correct & wrong answar's marking.


```
*Python 3.7.4 Shell*
File  Edit  Shell  Debug  Options  Window  Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
======== RESTART: C:\Users\YASH COMPUTERS\Desktop\quiz application.py ========
What's your name? SHIVAM DINKAR
Welcome to the quiz!SHIVAM DINKAR
for every correct answer you get 1 mark and for wrong answer you loose 1/2 mark
```

- Now, Code will provide Question's list. For correct & Wrong answer it will give output like " well done , that ' s correct answer! " & " Sorry, that was the wrong answer! " Respectively.

```
1.In python, print type(type(int))
a) type 'type'
b) Error
c) 0

What's the right answer: a
well done, that's correct!

2.Where is the Headquarter of MicroSoft office located
a) Washington
b) NewYork
c) California

What's the right answer: b
Sorry, that was the wrong answer!
```

- If our score >= 7.then it will type " Excellent ! ".

```
What's the right answer: a
well done, that's correct!
Excellent!!!  shivam
Your scored:  10
>>>
```

- If our 3< score< 7.then it will type " Good ! ".

```
what's the right answer: a
well done, that's correct!
Good ! shivam
Your scored:  4.0
>>>
```

- If our score < 3. The it will type " Better luck next time ! ".

```
c) Printing

What's the right answer: Sorry, that was the wrong answer!
better luck next time ! shivam
Your scored:  -0.5
b
>>> c
Traceback (most recent call last):
  File "<pyshell#0>", line 1, in <module>
```

Conclusion :

In this **quiz Application**, we have focused on the automated system, which replaces the manual quiz system. But the interesting thing is that the thesis is not just an online quiz system; it has its own intelligent capability. This was actually our target feature of our thesis. Basically, we have tried to introduce the evaluation method of student-performance .

Here, the questions are appeared according to the previous answer of that student. We have implemented it in our thesis and it works successfully in our system. Though this is a MCQ based quiz system but it is a perfect MCQ based online quiz system that gives a lot of facilities to the users, as a modern quiz system should have. This system is designed basically for the educational institute but also can be developed for other examination systems like job interview, quiz contest and for other criteria.

Plagiarism :

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