

Core Python

Assessment Test 2

- Write a program to demonstrate the Quiz Game
- Prepare demonstration of crud operations with Quiz Game under software development principles and follow coding protocols
- In this quiz game application two actors involved
- Execution of the code following menu must be displayed.
- Make sure each business logic is denoted with appropriate comments and make your code interactive and represent clean and clear output on your console screen.

```
PS C:\Users\Anjali Patel> & C:/Python310/python.exe "c:/Users/Anjali Patel/sample.py"
```

```
WELCOME TO TOPS QUIZ GAMING CHALLENGE
```

```
Select your role :
```

```
-> Quiz Master      (press 1 )
```

```
-> Quiz Cracker     (press 2 )
```

```
Enter your role : █
```

- when user select option 1 then it will display following menu

```
WELCOME MASTER  
SHAKE YOUR BRAIN AND ADD SOME CHALLENGING QUESTIONS..
```

```
MENU
```

```
press 1 for add questions
```

```
press 2 for view questions
```

```
press 3 for delete questions
```

```
press 4 for exit
```

```
which operations you want to perform : █
```

- Quiz master can add questions , view questions , delete questions and exit from the system
- Accept all values dynamically from user
- Store all questions in collection (note : use dictionary concept)

- Make sure this code implements using nested dictionary
- create separate file for all business logics and make them reusable - use modules concepts for implements above logic

Quiz Master can add details as follows:

```

WELCOME MASTER
SHAKE YOUR BRAIN AND ADD SOME CHALLENGING QUESTIONS..

MENU
press 1 for add questions
press 2 for view questions
press 3 for delete questions
press 4 for exit

which operations you want to perform : 1
Enter questions Who is prime minister of india ?
Enter op 1 : Rahul Gandhi
Enter op 2 : Narendra modi
Enter right answer : Naredra modi

```

After each operations always display menu:

```

which operations you want to perform :
Traceback (most recent call last):
  File "c:\Users\Anjali Patel\sample.py", line 37, in <module>
    choice = int(input("which operations you want to perform : "))
ValueError: invalid literal for int() with base 10: ''

```

- Make sure validation proper given – each options - display appropriate message if user enter invalid input and accept values again and again - use looping concepts and string inbuilt methods concepts in this logic implementation
- Make sure code prevent from unexpected exception return to the previous menu and accept all details again.

After entered questions output must be like following:

```
WELCOME MASTER
SHAKE YOUR BRAIN AND ADD SOME CHALLENGING QUESTIONS..
```

```
MENU
press 1 for add questions
press 2 for view questions
press 3 for delete questions
press 4 for exit
```

```
which operations you want to perform : 2
```

```
1) Who is prime minister of india
```

```
A : Rahul Gandhi
```

```
B : Narendra Modi
```

```
RIGHT ANS : Narendra Modi
```

```
2) Who Developed C Language ?
```

```
A : Dennis M Ritchie
```

```
B : Andy Rubin
```

```
RIGHT ANS : Dennis M Ritchie
```

- Quiz Cracker module – display appropriate questions with options
-
- Accept answer and compare with main quiz
- Generate a log file and store all transaction details in that log file.
- After each selection menu must be displayed asking for user input
- After execution of each option confirmation message must be displayed.
- Remove option must ask to user for question id to delete and again ask for confirmation (Y/N) before deletion and display proper message after deletion
- Program should not be terminated till the user Exit it
- Developer needs to test his product before launching it into the market
- After completion this project upload it on GitHub
 - Upload all features in develop branch after completion all features merge it with main branch