Quizer

❖ **About**

Quizer is command prompt based application . It's code is written in Python using simple concepts using arrays , lists as a storage container and some fancy libraries to make the application colourful .

❖ **Libraries used**

- Colorama

  Colorama aims to let Python programs print colored terminal text on all platforms, using the same ANSI codes as described in many other answers on this page.

- Pyfiglet

  The Pyfiglet module is a Python module that comes with many functions, and we can use these functions in a Python program to create fancy texts with large fonts & sizes in the output. The Pyfiglet module is specially designed to enhance our programming experience as well as to enhance the overall look and structure of the texts used in electronic communication .

- OS

  This library is used to take control over the operating system like creating, modifying and deleting file . It is used in the program to make dummy files which need not be saved in user's computer and are used only in while the program is running.

- Time

  Time library of python is used for time related activities in the program like taking real time from computer , printing time, and also to slow program execution . It is used in the code to make some visual effects to user which looks soothing improving user Experience.

- ❖ **Uses and working**

  - Making a quiz

    A user can make its own quiz while using this cmd run application.

    Quiz is made by asking one question and four corresponding options along with one correct option . All these are stored in a list for further processing.

  - Making file out of quiz

    A user can make a text file of quiz made by him all in cmd run quizet application. File of quiz consists of questions in serial order followed by corresponding options . All the correct answers are mentioned at the end of text file.

  - Playing quiz

    A user can choose to either make file then play quiz or play without making file or play from existing file . When user choose to do both saved questions and options are shown to user and one option is asked if it matches the correct option user is shown with text 'correct answer' . If user only chooses to play quiz and not to make file then a 'dummy' file is created where all the content of quiz is stored and then run .

- ❖ **Scope and limitations**

  - GUI

    Quizer is command prompt window based application and clearly lacks a graphical user interface which otherwise would add more features and good user experience to the program.

  - Versatility

    This application lacks versatility or customisability as it makes file out of the program and file can't have anything extra other than quy, options and answers otherwise it won't be run .

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