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An underwater scene with sunlight rays filtering down from the surface, creating a serene and mysterious atmosphere. The water is a deep teal color, and the light rays are bright and prominent.

QUIZ APPLICATION BY USING PYTHON

ABSTRACT:



*quiz application is a simple game for testing ones knowledge power in computer science.its a multiple choice based questions which consists of 4 options where there is a one correct answer.

*this game contains only the user side.the user must login or signup first to start the quiz.after login or signup,there will be 3 levels of difficulty easy,medium and hard,once the user selects the type of difficulty,he can start the quiz.

*also there is a time duration set for solving the questions.if the time duration for a particular question gets over then it goes for the next question.

*the user should solve the questions before time is up.

*after finishing the quiz, the user can see their score which will be displayed on the screen.

Operating system:

->operating system is windows 10

->Language:

->Python

Hardware requirements:

->hard drive:minimum 16Gb

->processor:min 1GHZ

->RAM-1Gb



Interface Components:

Packages:

- *tkinter module

- *random module

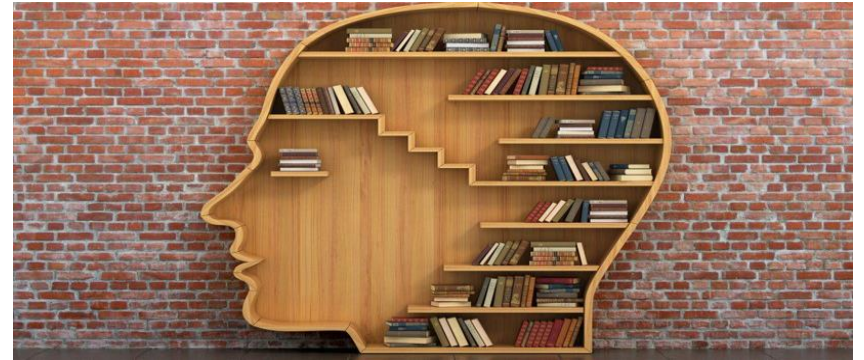
- *time module

- *sqlite3 module: this module provides an interface to read, query and write sql databases from python.

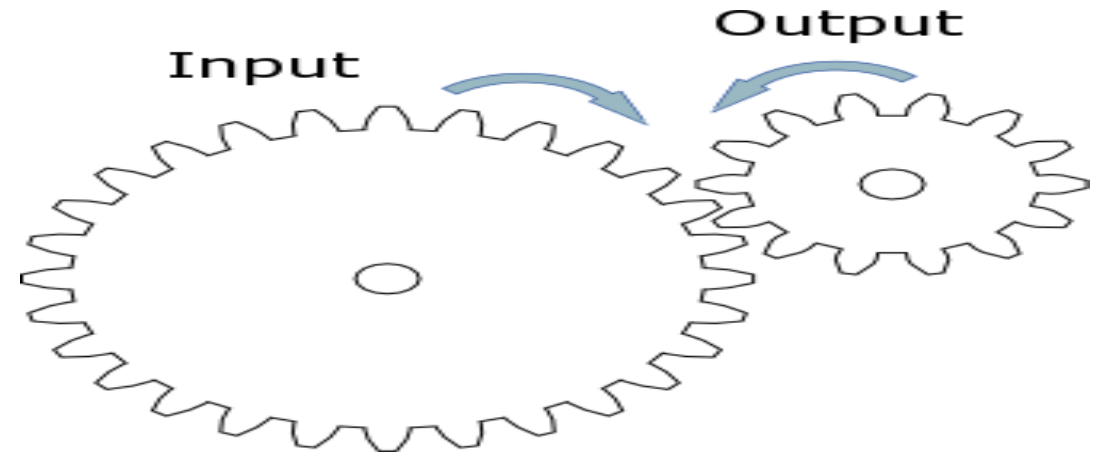
Software needed:

Pycharm: the main objective of the project where all the code will be created and also run. it is widely used for variety of packages and security.

Python version: 2.x or 3.x



Input and Output:



INPUT:

->tk window will be opened and the user must signup or login to start the test which consists of 4 multiple choice questions whose only one answer is correct.there will be three levels of difficulty easy medium hard,once you select the type of difficulty you can start the exam.

->OUTPUT:

->after answering all the questions,your score will be displayed on the screen and the tk window closes.

Conclusion:

->The quiz application in python is written in python programming language,python is very smooth to research the syntax emphasizes readability and it is able to reduce time ingesting in developing.this game is a stress free and easy to play.

