

Quiz Game

Midterm Project

SECTION # 1

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Problem

Write 3 quizzes that a user can choose from to answer and complete.

Analysis

This program required the use of all the things we have learned in this class. From the most basic programming aspects to the most elaborated and complex processes.

Design

For the design of this program, I decided to divide it into 4 separate parts. Each part was a different function that included main, quiz01, quiz02, and quiz03. I started by building each quiz with three different types of questions as required. The user accesses the quizzes by selecting a random number from 1 to 9. Each question requires a specific answer and provides the user with some feedback as to whether their answer is correct or incorrect. If the answer is correct the user receives 5 points and if it is incorrect the score does not increase. After completing a quiz, the program exits, or it continues until the user obtains the maximum score possible for a particular quiz.

Testing

For testing I prioritized testing each individual process of the quiz game program to make sure that everything worked appropriately. I was faced with some challenges such as syntax and logic errors but after some more analysis and testing I was able to solve those problems.

Comments

This project demonstrates all the skills we have acquire and shows them in a fun way. I believe that this was an interesting project that challenged my understanding of programming, and I learned many new ways to obtain a successful result while coding. I hope to see more challenges like this in the future.

Screen Shots

Source code provided in zip folder.