**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.