Frontend Development (FFU1100)

Semester 1

Individual Assignment 3

Topic

Interactive Quiz App (JavaScript Fundamentals)

Description

The goal of this assignment is to gain hands-on experience with JavaScript basics, including variables, conditionals, loops, and DOM manipulation. Your task is to create an interactive quiz application that challenges users with multiple-choice questions and provides feedback on their answers.

The quiz app should include the following features:

1. **Minimum Number of Questions:**
   a. The quiz must include at least 8 questions (feel free to add more).
2. **One Question at a Time:**
   a. Only one question should be displayed at a time. Users should see and answer one question before proceeding to the next.
3. **Score Tracking:**
   a. Track the user's score during the quiz and display the final score after the user submits the quiz.
4. **Progress Indicator:**
   a. Include a progress indicator showing the current question number out of the total number of questions (e.g., "Question 3 of 8") or a visual progress bar to represent quiz progress.

5. **Navigation:**
    a. Include a Start button to begin the quiz.
    b. Users should be able to navigate through the quiz in a linear fashion without the option to revisit previous questions.
    c. Display a Submit button on the final question page to submit the quiz.
    d. Include a Restart button that allows users to start the quiz over.
6. **Review Functionality:**
    a. At the end of the quiz, provide a Review button. This button should either open a modal or display a new section on the same page where users can review their answers and see the correct answers for each question.

Grading Information

This assignment is worth 10 points out of the total 100 points available for the program in semester one.

Criteria

Assignments 3 and 4 follow the same criteria. Download and check the file "assignments-3-and-4-criteria.pdf" from the "Assignments Criteria" section on Notion.

Delivery Format

- assignment_3/
    - src/
        - index.html
        - assets/
        - css/
        - js/
        - readme.md (Including a brief description of your project, link to the GitHub repository, and link for the Netlify deployment)