Quiz App Development Task

Objective:

To develop a small quiz application using HTML, CSS, and JavaScript where students can input their details, create a quiz on a chosen topic, answer multiple-choice questions, and receive marks based on correct answers. And total timing of task development is 3 hours.

Task Requirements:

1. Student Details Form:

- Create an HTML form to collect the following details:

- Roll Number

- Name

- Batch

- Section

- Use CSS for styling the form.

2. Data Storage:

- Upon submitting the student details form, store the data in Session Storage using JavaScript.

3. Quiz Page:

- Design an HTML form with fields to input:

- Heading for Quiz Application

- Topic for the Quiz

- Add five multiple-choice questions to the form.

- Each question should have four radio button options, with one correct answer and three wrong answers.

- Use CSS for styling the form.

5. Quiz Evaluation:

- Upon submitting the multiple-choice questions form, compare the selected answers with predefined correct answers using JavaScript.

- Award marks for correct answers and display the total marks.

- Store the marks in Session Storage for display on the results page.

6. Results Page:

- Create an HTML page to display the student's details, quiz topic, selected answers, correct answers, and total marks.

- Use CSS for styling the results page.