

# Interactive Quiz - Project Guide

## 1. Project Overview

This is an interactive quiz web application built using HTML, CSS, and JavaScript. It allows users to test their knowledge through multiple-choice questions with hints, explanations, and a timer.

## 2. How to Use the Quiz

- Open the 'index.html' file in your browser.
- Answer each question using the provided radio buttons.
- Click 'Next' to go to the next question.
- Click the 'Show Hint' button for help.
- After the last question, your score and explanations will be displayed.
- Click 'Restart Quiz' to retake it.

## 3. Features Implemented

- 5 dynamic questions loaded from JavaScript.
- Timer (5 minutes) shown in MM:SS format.
- Radio button based selection.
- Hint system per question.
- Explanations after quiz completion.
- Restart functionality.
- Progress tracker with step indicators.
- Mobile responsive layout.

## 4. Technologies Used

- HTML5 for structure.
- CSS3 for layout and responsiveness.
- JavaScript ES6 for interactivity and logic.

## 5. Folder Structure

Interactive-Quiz/ -

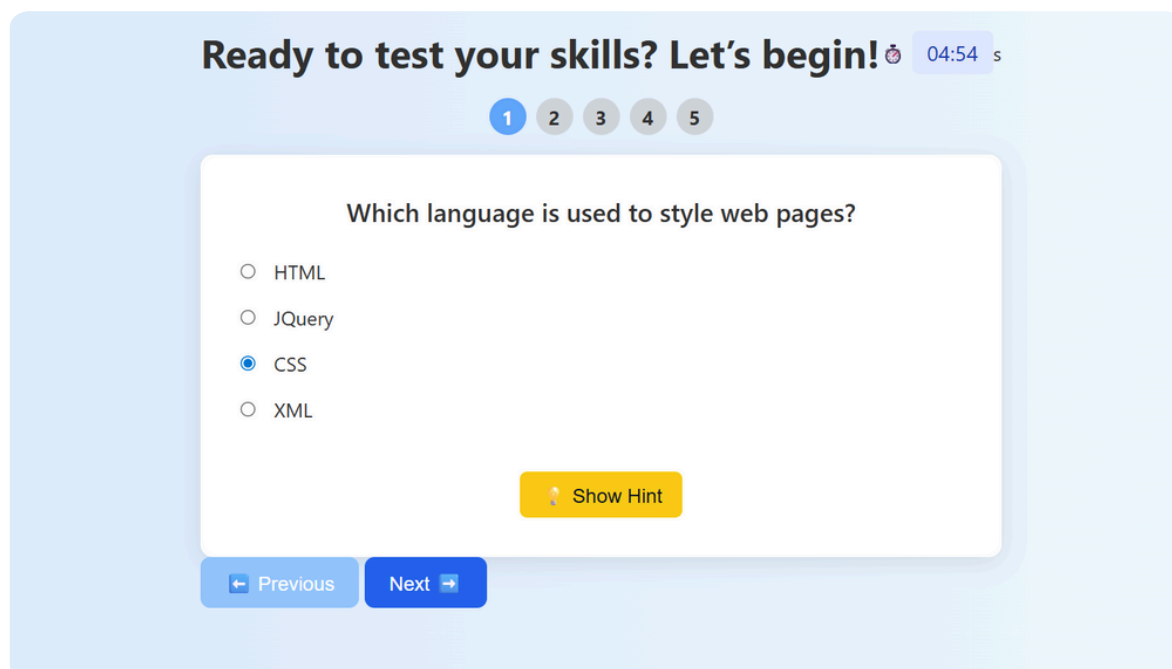
index.html - # Main HTML file


style.css - # CSS styles

script.js - # JavaScript logic


-README.pdf - # This user guide

## 6. Explore the Interface Visually



 **Perfect! You're a pro!**


You scored **5** out of **5**


 Time taken: **00:21**

 **Restart Quiz**


#### **Explanations:**


**Q1: Which language is used to style web pages?**

 Correct Answer: CSS

 Explanation: CSS stands for Cascading Style Sheets, used for styling HTML content.

**Q2: What is the correct HTML element for inserting a line break?**

 Correct Answer: `<br>`

 Explanation: `<br>` is the HTML tag for line break.

**Q3: Which of the following is a JavaScript framework?**

## **7. Author**

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