<html>

<head>

    <meta charset="utf-8">

    <title>Interior Design Quiz</title>

    <link rel="stylesheet" type="text/css" href="style.css">

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

    <script>

        $(document).ready(function() {

            // Set up the questions and answers

            const questions = [

                {

                    question: "Which color palette creates a calming atmosphere?",

                    answers: [

                        { text: "Red and orange", correct: false },

                        { text: "Blue and green", correct: true },

                        { text: "Yellow and pink", correct: false },

                        { text: "Purple and black", correct: false }

                    ]

                },

                {

                    question: "What is the most important consideration when choosing furniture for a small space?",

                    answers: [

                        { text: "Style", correct: false },

                        { text: "Size", correct: true },

                        { text: "Color", correct: false },

                        { text: "Material", correct: false }

                    ]

                },

                {

                    question: "What type of lighting is best for a living room?",

                    answers: [

                        { text: "Table lamps", correct: false },

                        { text: "Floor lamps", correct: false },

                        { text: "Overhead lighting", correct: true },

                        { text: "Candlelight", correct: false }

                    ]

                },

                {

                    question:"What is the best way to create a focal point in a room?",

                    answers: [

                        { text: "Using height", correct: false },

                        { text: "Bold Colours", correct: false },

                        { text: "Play with shapes", correct:false },

                        { text: "Use of contrast", correct: true}

                    ]

                }

            ];

            // Selecting the elements from the HTML file

        const startButton = document.getElementById("start-btn");

        const nextButton = document.getElementById("next-btn");

        const restartButton = document.getElementById("restart-btn");

        const questionContainer = document.getElementById("question-container");

        const questionElement = document.getElementById("question");

        const answerButtonsElement = document.getElementById("answer-buttons");

        const scoreContainer = document.getElementById("score-container");

        const scoreElement = document.getElementById("score");

        const totalScoreElement = document.getElementById("total-score");

        const encouragingLineElement = document.getElementById("encouraging-line");

        // Other variables needed for the quiz

        let currentQuestionIndex;

        let score;

        // Add click event listener to the start button

        startButton.addEventListener("click", startQuiz);

        // Add click event listener to the next button

        nextButton.addEventListener("click", () => {

            currentQuestionIndex++;

            showQuestion();

        });

        // Add click event listener to the restart button

        restartButton.addEventListener("click", () => {

            score = 0;

            currentQuestionIndex = 0;

            showQuestion();

            scoreContainer.classList.add("hide");

            restartButton.classList.add("hide");

            nextButton.classList.remove("hide");

            totalScoreElement.innerText = "";

            encouragingLineElement.innerText = "";

        });

        // Function to start the quiz

function startQuiz() {

score = 0;

currentQuestionIndex = 0;

startButton.classList.add("hide");

scoreContainer.classList.remove("hide");

showQuestion();

}

// Function to show the current question and its answer choices

function showQuestion() {

  const question = questions[currentQuestionIndex];

  questionElement.innerText = question.question;

  answerButtonsElement.innerHTML = ""; // Clear previous answer buttons

  question.answers.forEach(answer => {

    // Create and append answer buttons

    const button = document.createElement("button");

    button.innerText = answer.text;

    button.classList.add("btn");

    if (answer.correct) {

      button.dataset.correct = answer.correct;

    } else {

      button.dataset.correct = "false";

    }

    button.addEventListener("click", selectAnswer);

    answerButtonsElement.appendChild(button);

  });

  scoreElement.innerText = "Question Score: " + score\*10;

  nextButton.classList.add("hide");

  restartButton.classList.add("hide");

}

// Function to handle the answer selection

function selectAnswer(event) {

  const selectedButton = event.target;

  const correct = selectedButton.dataset.correct === "true";

  if (correct) {

    score++;

  }

  Array.from(answerButtonsElement.children).forEach(button => {

    button.disabled = true;

    if (button.dataset.correct === "true") {

      button.classList.add("correct");

    } else {

      button.classList.add("incorrect");

    }

  });

  scoreElement.innerText = "Question Score: " + score\*10;

  if (currentQuestionIndex === questions.length - 1) {

    nextButton.classList.add("hide");

    restartButton.classList.remove("hide");

    totalScoreElement.innerText = "Total Score: " + score\*10;

    if (score === questions.length) {

      encouragingLineElement.innerText = "Congratulations! You got all the answers correct!";

    } else if (score === 0) {

      encouragingLineElement.innerText = "Oops! Better luck next time.";

    } else {

      encouragingLineElement.innerText = "Well done! Keep up the good work.";

    }

  } else {

    nextButton.classList.remove("hide");

  }

}

});

</script>

<style>

    body {

    font-family: sans-serif;

    margin: 0;

    padding: 0;

    background-color: #f2f2f2;

}

.quiz-container {

    max-width: 800px;

    margin: auto;

    padding: 30px;

    background-color: #fff;

    box-shadow: 0px 0px 10px rgba(0,0,0,0.2);

}

#question-container {

    margin-bottom: 20px;

}

.btn-grid {

    display: grid;

    grid-template-columns: repeat(2, 1fr);

    grid-gap: 10px;

}

.btn {

    padding: 10px;

    border: none;

    border-radius: 5px;

    background-color: #e3bc9a ;

    color: #000000;

    font-size: 16px;

    cursor: pointer;

}

.btn:hover {

    background-color: #dcae96;

}

.correct {

    background-color: #5cb85c;

}

.incorrect {

    background-color: #d9534f;

}

.hide {

    display: none;

}

</style>

</head>

<body>

    <div class="quiz-container">

        <div id="question-container">

            <h2 id="question"></h2>

            <div id="answer-buttons" class="btn-grid">

                <button class="btn"></button>

                <button class="btn"></button>

                <button class="btn"></button>

                <button class="btn"></button>

            </div>

        </div>

        <div id="controls">

            <button id="start-btn" class="btn">Start Quiz</button>

            <button id="next-btn" class="btn hide">Next Question</button>

            <button id="restart-btn" class="btn hide">Restart Quiz</button>

        </div>

        <div id="score-container" class="hide">

            <p id="score">Question Score: 0</p>

            <p id="total-score"></p>

            <p id="encouraging-line"></p>

        </div>

    </div>

</body>

</html>