const questions = [

{

question: "What is the primary cause of rising damp?",

options: ["Condensation", "Capillary action", "Poor ventilation", "High humidity"],

answer: 1

},

{

question: "Which device is commonly used to measure moisture levels in walls?",

options: ["Thermometer", "Hygrometer", "Moisture meter", "Barometer"],

answer: 2

},

{

question: "What does DPC stand for?",

options: ["Damp Protection Coating", "Damp-Proof Course", "Drainage Protection Course", "Dry Proof Coating"],

answer: 1

},

{

question: "Why is black mould commonly associated with condensation?",

options: ["Condensation provides the ideal environment for mould growth.", "It only grows on damp walls.", "It is caused by rising damp.", "It is found in poorly ventilated areas only."],

answer: 0

}

];

function startQuiz() {

document.querySelector("header").classList.add("hidden");

const quizContainer = document.getElementById("quiz-container");

quizContainer.classList.remove("hidden");

const quizForm = document.getElementById("quiz-form");

questions.forEach((q, index) => {

const questionDiv = document.createElement("div");

questionDiv.innerHTML = `

<p><strong>${index + 1}. ${q.question}</strong></p>

${q.options.map((opt, i) =>

`<label>

<input type="radio" name="q${index}" value="${i}">

${opt}

</label><br>`).join("")}

`;

quizForm.appendChild(questionDiv);

});

document.getElementById("submit-btn").classList.remove("hidden");

}

function calculateScore() {

let score = 0;

questions.forEach((q, index) => {

const selected = document.querySelector(`input[name="q${index}"]:checked`);

if (selected && parseInt(selected.value) === q.answer) {

score++;

}

});

document.getElementById("quiz-container").classList.add("hidden");

const resultContainer = document.getElementById("result-container");

resultContainer.classList.remove("hidden");

document.getElementById("score").textContent = `You scored ${score} out of ${questions.length}!`;

}

function restartQuiz() {

location.reload();

}