<div id="quiz"></div>

<button id="submit">Submit Quiz</button>

<div id="results"></div>

const quizContainer = document.getElementById('quiz');

const resultsContainer = document.getElementById('results');

const submitButton = document.getElementById('submit');

function buildQuiz(){}

function showResults(){}

// display quiz right away

buildQuiz();

// on submit, show results

submitButton.addEventListener('click', showResults);

const myQuestions = [

{

question: "Who invented JavaScript?",

answers: {

a: "Douglas Crockford",

b: "Sheryl Sandberg",

c: "Brendan Eich"

},

correctAnswer: "c"

},

{

question: "Which one of these is a JavaScript package manager?",

answers: {

a: "Node.js",

b: "TypeScript",

c: "npm"

},

correctAnswer: "c"

},

{

question: "Which tool can you use to ensure code quality?",

answers: {

a: "Angular",

b: "jQuery",

c: "RequireJS",

d: "ESLint"

},

correctAnswer: "d"

}

];

function buildQuiz(){

// variable to store the HTML output

const output = [];

// for each question...

myQuestions.forEach(

(currentQuestion, questionNumber) => {

// variable to store the list of possible answers

const answers = [];

// and for each available answer...

for(letter in currentQuestion.answers){

// ...add an HTML radio button

answers.push(

`<label>

<input type="radio" name="question${questionNumber}" value="${letter}">

${letter} :

${currentQuestion.answers[letter]}

</label>`

);

}

// add this question and its answers to the output

output.push(

`<div class="question"> ${currentQuestion.question} </div>

<div class="answers"> ${answers.join('')} </div>`

);

}

);

// finally combine our output list into one string of HTML and put it on the page

quizContainer.innerHTML = output.join('');

}

myQuestions.forEach( (currentQuestion, questionNumber) => {

// the code we want to run for each question goes here

});

// we'll want to store the list of answer choices

const answers = [];

// and for each available answer...

for(letter in currentQuestion.answers){

// ...add an html radio button

answers.push(

`<label>

<input type="radio" name="question${questionNumber}" value="${letter}">

${letter} :

${currentQuestion.answers[letter]}

</label>`

);

}

// add this question and its answers to the output

output.push(

`<div class="question"> ${currentQuestion.question} </div>

<div class="answers"> ${answers.join('')} </div>`

);

quizContainer.innerHTML = output.join('');