HTML CODE -

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<link rel="stylesheet" href="style.css">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

​<div class="container">

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

<div id="question">Question</div>

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

<button class="btn">Answer 1</button>

<button class="btn">Answer 2</button>

<button class="btn">Answer 3</button>

<button class="btn">Answer 4</button>

</div>

</div>

<div class="controls">

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

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

<script src="script.js"></script>

</div>

</div>

</body>

</html>

CSS CODE -

\*, \*::before, \*::after {

box-sizing: border-box;

}

:root {

--hue-neutral: 200;

--hue-wrong: 0;

--hue-correct: 145;

}

body {

--hue: var(--hue-neutral);

padding: 0;

margin: 0;

display: flex;

width: 100vw;

height: 100vh;

justify-content: center;

align-items: center;

background-color: hsl(var(--hue), 100%, 20%);

}

body.correct {

--hue: var(--hue-correct);

}

body.wrong {

--hue: var(--hue-wrong);

}

.container {

width: 800px;

max-width: 80%;

background-color: white;

border-radius: 5px;

padding: 10px;

box-shadow: 0 0 10px 2px;

}

.btn-grid {

display: grid;

grid-template-columns: repeat(2, auto);

gap: 10px;

margin: 20px 0;

}

.btn {

--hue: var(--hue-neutral);

border: 1px solid hsl(var(--hue), 100%, 30%);

background-color: hsl(var(--hue), 100%, 50%);

border-radius: 5px;

padding: 5px 10px;

color: white;

outline: none;

}

.btn:hover {

border-color: black;

}

.btn.correct {

--hue: var(--hue-correct);

color: black;

}

.btn.wrong {

--hue: var(--hue-wrong);

}

.start-btn, .next-btn {

font-size: 1.5rem;

font-weight: bold;

padding: 10px 20px;

}

.controls {

display: flex;

justify-content: center;

align-items: center;

}

.hide {

display: none;

}

JSS CODE -

const startButton = document.getElementById('start-btn')

const nextButton = document.getElementById('next-btn')

const questionContainerElement = document.getElementById('question-container')

const questionElement = document.getElementById('question')

const answerButtonsElement = document.getElementById('answer-buttons')

let shuffledQuestions, currentQuestionIndex

startButton.addEventListener('click', startGame)

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

currentQuestionIndex++

setNextQuestion()

})

function startGame() {

startButton.classList.add('hide')

shuffledQuestions = questions.sort(() => Math.random() - .5)

currentQuestionIndex = 0

questionContainerElement.classList.remove('hide')

setNextQuestion()

}

function setNextQuestion() {

resetState()

showQuestion(shuffledQuestions[currentQuestionIndex])

}

function showQuestion(question) {

questionElement.innerText = question.question

question.answers.forEach(answer => {

const button = document.createElement('button')

button.innerText = answer.text

button.classList.add('btn')

if (answer.correct) {

button.dataset.correct = answer.correct

}

button.addEventListener('click', selectAnswer)

answerButtonsElement.appendChild(button)

})

}

function resetState() {

clearStatusClass(document.body)

nextButton.classList.add('hide')

while (answerButtonsElement.firstChild) {

answerButtonsElement.removeChild(answerButtonsElement.firstChild)

}

}

function selectAnswer(e) {

const selectedButton = e.target

const correct = selectedButton.dataset.correct

setStatusClass(document.body, correct)

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

setStatusClass(button, button.dataset.correct)

})

if (shuffledQuestions.length > currentQuestionIndex + 1) {

nextButton.classList.remove('hide')

} else {

startButton.innerText = 'Restart'

startButton.classList.remove('hide')

}

}

function setStatusClass(element, correct) {

clearStatusClass(element)

if (correct) {

element.classList.add('correct')

} else {

element.classList.add('wrong')

}

}

function clearStatusClass(element) {

element.classList.remove('correct')

element.classList.remove('wrong')

}

const questions = [

{

question: 'What is 2 + 2?',

answers: [

{ text: '4', correct: true },

{ text: '22', correct: false }

]

},

{

question: 'Who is the best YouTuber?',

answers: [

{ text: 'Web Dev Simplified', correct: true },

{ text: 'Traversy Media', correct: true },

{ text: 'Dev Ed', correct: true },

{ text: 'Fun Fun Function', correct: true }

]

},

{

question: 'Is web development fun?',

answers: [

{ text: 'Kinda', correct: false },

{ text: 'YES!!!', correct: true },

{ text: 'Um no', correct: false },

{ text: 'IDK', correct: false }

]

},

{

question: 'What is 4 \* 2?',

answers: [

{ text: '6', correct: false },

{ text: '8', correct: true }

]

}

]