WEEK 1

MINIPROJECT

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="style.css">
</head>
<body>
<div class="panel">
<h1>Simple JavaScript Quiz Application</h1>
<div class="question" id="ques"></div>
<div class="options" id="opt"></div>
<button onclick="checkAns()" id="btn">SUBMIT</button>
<div id="score"></div>
<script src="script.js"></script>
</div>
</body>
</html>
<style>body {
background-color: rgb(250, 250, 250);
.panel {
margin-top: 8%;
display: flex;
flex-direction: column;
align-items: center;
justify-content: center;
color: navy;
.question {
font-size: 30px;
margin-bottom: 20px;}
```

```
.options {
font-size: 20px;
display: grid;
grid-template-columns: repeat(2, 1fr);
grid-gap: 20px;
margin-top: 10px;
margin-bottom: 20px;
position: center;
top: 40%;
left: 40%;
button {
margin-right: 75px;
margin-top: 17%;
font-size: 20px;
padding: 10px 20px;
background-color: #4f92e9;
color: white;
border: none;
cursor: pointer;
#score {
font-size: 30px;
color: rgb(5, 5, 5);
</style>
<script>
const Questions = [{
q: "What keyword is used to check whether a given property is valid or
not? ",
a: [{ text: "exists", isCorrect: false },
{ text: "is in", isCorrect: false },
{ text: "in", isCorrect: true },
{ text: "lies", isCorrect: false }
q: "What is the use of the <no script> tag in Javascript?" ,
a: [{ text: "None of the above", isCorrect: false},
```

```
{ text: "the contents are displayed by non-JS-based browsers", isCorrect:
true },
{ text: "Both A and B", isCorrect: false },
{ text: "Clears all the cookies and cache", isCorrect: false }
q: "When an operator's value is NULL, the typeof returned by the unary
operator is:",
a: [{ text: "Boolean", isCorrect: false },
{ text: "Undefined", isCorrect: false },
{ text: "Object", isCorrect: true },
{ text: "Integer", isCorrect: false }
q: "What does the Javascript "debugger" statement do?",
a: [{ text: "It acts as a breakpoint in a program", isCorrect: true},
{ text: "It will debug all the errors in the program at runtime",
isCorrect: false },
{ text: "It will debug error in the current statement if any", isCorrect:
{ text: "None of the above", isCorrect: false }
let currQuestion = 0
let score = 0
function loadQues() {
const question = document.getElementById("ques")
const opt = document.getElementById("opt")
question.textContent = Questions[currQuestion].q;
opt.innerHTML = ""
for (let i = 0; i < Questions[currQuestion].a.length; i++) {
const choices div = document.createElement("div");
const choice = document.createElement("input");
const choiceLabel = document.createElement("label");
choice.type = "radio";
choice.name = "answer";
```

```
choice.value = i;
choiceLabel.textContent = Questions[currQuestion].a[i].text;
choicesdiv.appendChild(choice);
choicesdiv.appendChild(choiceLabel);
opt.appendChild(choices div);
loadQues();
function loadScore() {
const totalScore = document.getElementById("score")
totalScore.textContent = `You scored ${score} out of ${Questions.length}`
function nextQuestion() {
if (currQuestion < Questions.length - 1) {</pre>
currQuestion++;
loadQues();
} else {
document.getElementById("opt").remove()
document.getElementById("ques").remove()
document.getElementById("btn").remove()
loadScore();
function checkAns() {
const selectedAns =
parseInt(document.querySelector('input[name="answer"]:checked').value);
if (Questions[currQuestion].a[selectedAns].isCorrect) {
score++;
console.log("Correct")
nextQuestion();
} else {
nextQuestion();
</script>
</body>
</html>
```

OUTPUT:

Simple JavaScript Quiz Application

What keyword is used to check whether a given property is valid or not?

output

exists
output

in
output

lies

SUBMIT

Activate Go to Sett

Simple JavaScript Quiz Application

What is the use of the <noscript> tag in Javascript?

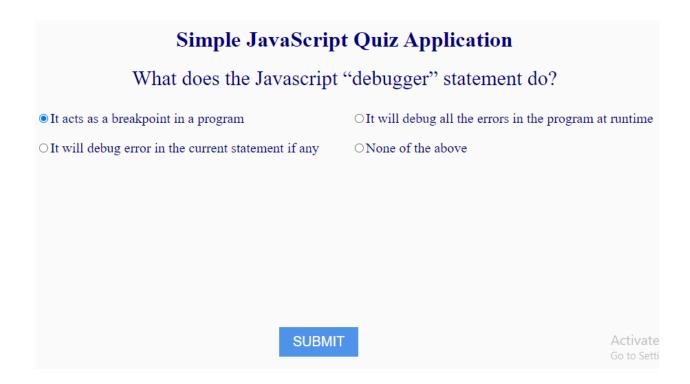
○ None of the above • the contents are displayed by non-JS-based browsers

OBoth A and B OClears all the cookies and cache

SUBMIT

Activate Wing Go to Settings to

Simple JavaScript Quiz Application When an operator's value is NULL, the typeof returned by the unary operator is: OBoolean OUndefined Object OInteger SUBMIT Activate Wind Go to Settings to



Simple JavaScript Quiz Application

You scored 4 out of 4