

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},
```

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{ 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:
false },
{ 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";

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```

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) {
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?

☐ exists ☐ is in

☒ in ☐ lies

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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

☐ Both A and B ☐ Clears all the cookies and cache

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Simple JavaScript Quiz Application

When an operator's value is NULL, the typeof returned by the unary operator is:

- ☐ Boolean ☐ Undefined
☒ Object ☐ Integer

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Simple JavaScript Quiz Application

What does the Javascript "debugger" statement do?

- ☒ It acts as a breakpoint in a program ☐ It will debug all the errors in the program at runtime
☐ It will debug error in the current statement if any ☐ None of the above

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Simple JavaScript Quiz Application

You scored 4 out of 4