MINI PROJECT:

SIMPLE QUIZ APPLICATION:

```html
<!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 App</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: 40px;
margin-bottom: 20px;
}
.options {
font-size: 20px;
display: grid;
grid-template-columns: repeat(2, 1fr);
grid-gap: 20px;
margin-top: 10px;
```

```css
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: "JavaScript was invented by ",
a: [{ text: "Dennis Ritchie", isCorrect: false },
{ text: "Guido van Rossum", isCorrect: false },
{ text: "Brendan Eich", isCorrect: true },
{ text: "Bjarne Stroustrup", isCorrect: false }
]
},
{
q: "How do you create a function in JavaScript?" ,
a: [{ text: "function = myFunction()", isCorrect: false},
{ text: "function myFunction()", isCorrect: true },
{ text: "function:myFunction()", isCorrect: false },
{ text: "function.myFunction()", isCorrect: false }
]
},
{
q: "which method removes the last element from array",
a: [{ text: "push()", isCorrect: false },
{ text: "shift()", isCorrect: false },
{ text: "pop()", isCorrect: true },
{ text: "unshift()", isCorrect: false }
]
},
```

```javascript
{
q: "How can you add a comment in a JavaScript?",
a: [{ text: "//This is a comment", isCorrect: true},
{ text: "<-- This is a comment-->", isCorrect: false },
{ text: "**This is a comment**", isCorrect: false },
{ text: "!This is a comment!", isCorrect: false }
]
},
{
q: "JavaScript is the same as Java",
a: [{ text: "False", isCorrect: true},
{ text: "True", isCorrect: false },
]
},
{
q: "Is JavaScript case-sensitive?",
a: [{ text: "Yes", isCorrect: true},
{ text: "No", 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 choicesdiv = 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(choicesdiv);
}
}
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 App

which method removes the last element from array

○ push()   ○ shift()
● pop()   ○ unshift()

SUBMIT

Simple JavaScript Quiz App

How can you add a comment in a JavaScript?

● //This is a comment   ○ <!-- This is a comment-->
○ **This is a comment**   ○ !This is a comment!

SUBMIT

Simple JavaScript Quiz App

JavaScript is the same as Java

○ False   ● True

SUBMIT

Simple JavaScript Quiz App

Is JavaScript case-sensitive?

○ Yes   ● No

SUBMIT

Simple JavaScript Quiz App

You scored 4 out of 6