



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Mini Project: Simple JavaScript Quiz App

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <!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>JAVASCRIPT</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:  LIME GREEN(0, 133, 250);  
}  
  
.panel {  
  margin-top: 8%;  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
  justify-content: center;  
  color:  black;  
}  
  
.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: fixed;  
  top: 40%;  
  left: 40%;  
}
```

```

button {
  margin-right: 75px;
  margin-top: 17%;
  font-size: 20px;
  padding: 10px 20px;
  background-color: #d9dde0;
  color: rgb(4, 0, 8);
  border: none;
  cursor: pointer;
}
#score {
  font-size: 30px;
  color: rgb(230, 224, 236);
}
</style>
<script>
const Questions = [{
  q: "Inside which HTML element do we put the JavaScript?",
  a: [{ text: "<JAVASCRIPT>", isCorrect: false },
    { text: "<SCRIPT>", isCorrect: true },
    { text: "<JS>", isCorrect: false },
    { text: "<SCRIPTING>", isCorrect: false }
  ],
},
{
  q: "The external JavaScript file must contain the <script> tag?",
  a: [{ text: "FALSE", isCorrect: true},
    { text: "TRUE", isCorrect: false }
  ]
}
]

```

```
a: [{ text: "FALSE", isCorrect: true},
{ text: "TRUE", isCorrect: false }

]
},
{
  q: "How do you create a function in JavaScript?",
  a: [{ text: "function myFunction()", isCorrect: true },
{ text: "function:myFunction()", isCorrect: false },
{ text: "function=myFunction()", isCorrect: false },

]
},
{
  q: "How to write an IF statement in JavaScript?",
  a: [{ text: "if i==5 then", isCorrect: false},
{ text: "if(i==5)", isCorrect: true },
{ text: "if i=5", isCorrect: false },
{ text: "if i=5", isCorrect: false }

]
},
{
  q: "How does a WHILE loop start?",
  a: [{ text: "While(i <= 10)", isCorrect: true },
{ text: "While(i <= 10,i++)", isCorrect: false },
{ text: "While i=1 to 10", 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}`
}

```

```

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>

</body>
</html>
</body>
</html>

```

OUTPUT:

JAVASCRIPT

Inside which HTML element do we put the JavaScript?

- ☐ <JAVASCRIPT> ☒ <SCRIPT>
☐ <JS> ☐ <SCRIPTING>

SUBMIT

JAVASCRIPT

The external JavaScript file must contain the <script> tag?

- ☒ FALSE ☐ TRUE

SUBMIT

JAVASCRIPT

How do you create a function in JavaScript?

- ☐ function myFunction() ☒ function:myFunction()
☐ function=myFunction()

SUBMIT

JAVASCRIPT

How to write an IF statement in JavaScript?

- ☐ if i==5 then ☒ if(i==5)
☐ if i=5 ☐ if i=5

SUBMIT

JAVASCRIPT

How does a WHILE loop start?

- ☒ While(i <= 10) ☐ While(i <= 10,i++)
☐ While i=1 to 10

SUBMIT

JAVASCRIPT

You scored 5 out of 5