

Quiz app:

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Yellow Pink Quiz App</title>


<style>

  body {

    font-family: Arial, sans-serif;

    background: linear-gradient(135deg, #ffe066, #ff6fae);

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

  }


  /* WHITE BOX */

  .quiz-container {

    background: #ffffff; /* PURE WHITE */

    padding: 25px;

    width: 360px;

    border-radius: 16px;

    box-shadow: 0 15px 30px rgba(0,0,0,0.25);

    text-align: center;

    border: 4px solid #ff6fae;

  }


  h2 {

    color: #c0266d;
```

```
margin-bottom: 15px;  
}
```

```
ul {  
  list-style: none;  
  padding: 0;  
}
```

```
li {  
  background: #fff3b0;  
  margin: 10px 0;  
  padding: 12px;  
  border-radius: 10px;  
  cursor: pointer;  
  border: 2px solid #ffd54f;  
  transition: 0.3s;  
  color: #7a0044;  
  font-weight: 500;  
}
```

```
li:hover {  
  background: #ffd1e8;  
  border-color: #ff6fae;  
}
```

```
.selected {  
  background: #ffb3d9;  
  border-color: #ff1493;  
  font-weight: bold;  
}
```

```
button {  
  margin-top: 15px;  
  width: 100%;  
  padding: 10px;  
  font-size: 16px;  
  cursor: pointer;  
  border: none;  
  border-radius: 10px;  
  background: #ff6fae;  
  color: white;  
  font-weight: bold;  
  transition: 0.3s;  
}
```

```
button:hover {  
  background: #ff1493;  
}
```

```
#score {  
  font-size: 20px;  
  color: #15803d;  
  margin-top: 15px;  
  font-weight: bold;  
}
```

```
.hide {  
  display: none;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="quiz-container">
```

```
<h2 id="question">Question</h2>
```

```
<ul id="options"></ul>
```

```
<button id="nextBtn">Next</button>
```

```
<p id="score" class="hide"></p>
```

```
</div>
```

```
<script>
```

```
const quizData = [
```

```
  { question: "What does DOM stand for?", options: ["Document Object Model", "Data Object Method", "Digital Output Mode"], correct: 0 },
```

```
  { question: "Which language is used for DOM manipulation?", options: ["HTML", "CSS", "JavaScript"], correct: 2 },
```

```
  { question: "Which method selects an element by ID?", options: ["getElement()", "querySelector()", "getElementById()"], correct: 2 },
```

```
  { question: "Which symbol is used for comments in JavaScript?", options: ["//", "<!-- -->", "#"], correct: 0 },
```

```
  { question: "Which event occurs when a button is clicked?", options: ["onhover", "onclick", "onchange"], correct: 1 },
```

```
  { question: "Which keyword is used to declare a variable?", options: ["int", "var", "define"], correct: 1 },
```

```
  { question: "Which function adds an element to the DOM?", options: ["appendChild()", "addElement()", "insertNode()"], correct: 0 },
```

```
  { question: "Which method removes a class?", options: ["classList.remove()", "class.remove()", "removeClass()"], correct: 0 },
```

```
  { question: "Which tag is used to link JavaScript?", options: ["<js>", "<script>", "<link>"], correct: 1 },
```

```
  { question: "Which method selects all matching elements?", options: ["getElementById()", "querySelector()", "querySelectorAll()"], correct: 2 }
```

```
];
```

```
const questionEl = document.getElementById("question");
```

```
const optionsEl = document.getElementById("options");
```

```
const nextBtn = document.getElementById("nextBtn");
```

```
const scoreEl = document.getElementById("score");
```

```
let currentQuestion = 0;
```

```
let score = 0;
```

```
let selectedOption = null;
```

```
loadQuestion();
```

```
function loadQuestion() {
```

```
    selectedOption = null;
```

```
    optionsEl.innerHTML = "";
```

```
    const q = quizData[currentQuestion];
```

```
    questionEl.textContent = `Q${currentQuestion + 1}. ${q.question}`;
```

```
    q.options.forEach((option, index) => {
```

```
        const li = document.createElement("li");
```

```
        li.textContent = option;
```

```
        li.onclick = () => {
```

```
            document.querySelectorAll("li").forEach(i => i.classList.remove("selected"));
```

```
            li.classList.add("selected");
```

```
            selectedOption = index;
```

```
        };
```

```
        optionsEl.appendChild(li);
```

```
    });
```

```
}
```

```
nextBtn.onclick = () => {
```

```
    if (selectedOption === null) {
```

```
        alert("Please select an option!");
```

```

    return;
}
if (selectedOption === quizData[currentQuestion].correct) score++;
currentQuestion++;
currentQuestion < quizData.length ? loadQuestion() : showResult();
};

```

```

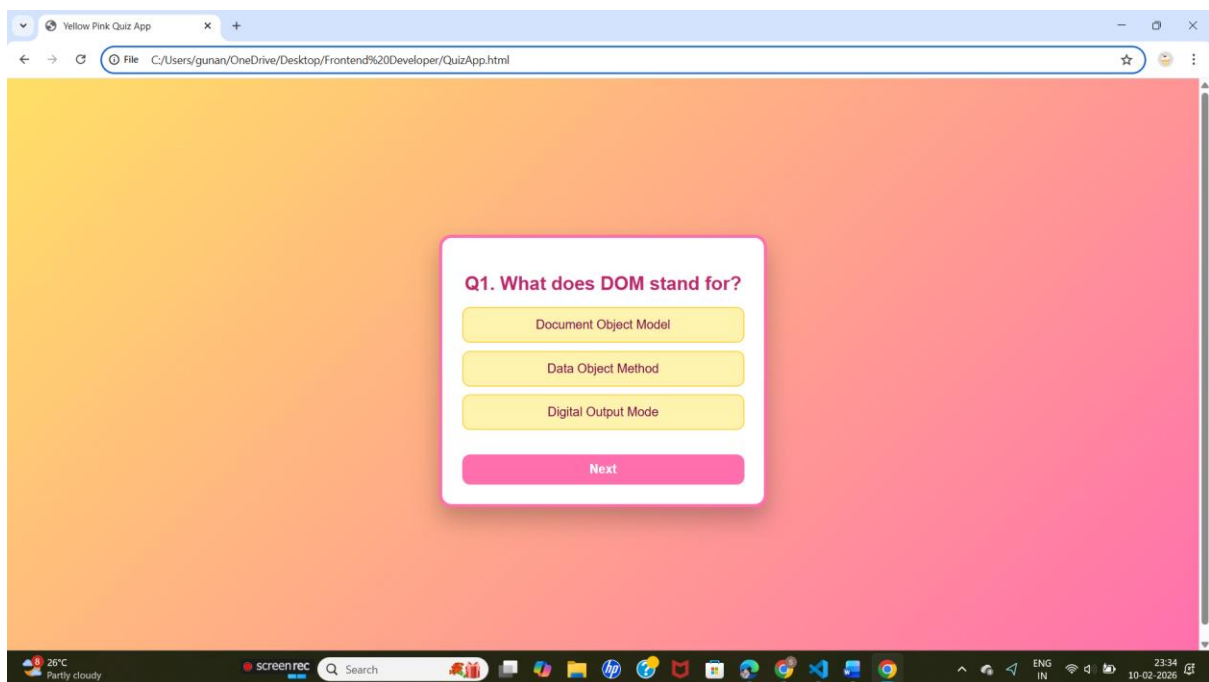
function showResult() {
    questionEl.textContent = "Quiz Completed 🎉";
    optionsEl.innerHTML = "";
    nextBtn.classList.add("hide");
    scoreEl.classList.remove("hide");
    scoreEl.textContent = `Your Score: ${score} / ${quizData.length}`;
}

```

</script>

</body>

</html>



Task 2 GitHub Link

<https://github.com/Sriswathi2007/Quiz-App.git>