EX3

index.html:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>KCET Learning Quiz</title>
    <!-- jQuery CDN -->
    <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
    <!-- CSS -->
    <link rel="stylesheet" href="style.css">
</head>
<body>
<div class="quiz-container">
    <h2>KCET Learning – Online Quiz</h2>
    <div class="timer">
        🕐 Time Left: <span id="time">10</span> seconds
    </div>
    <!-- Quiz Section -->
    <div id="quiz-section">
        <h4 id="question-number"></h4>
        <p id="question-text"></p>
        <div id="options"></div>
        <div class="buttons">
            <button id="prevBtn">Previous</button>
            <button id="nextBtn">Next</button>
        </div>
    </div>
    <!-- Result Section -->
    <div id="result-section">
        <h3>🎉 Quiz Completed!</h3>
        <p id="score-text"></p>
        <button id="restartBtn">Restart Quiz</button>
    </div>
</div>
<script src="script.js"></script>
</body>
</html>
```

style.css :

```css
body {
    font-family: 'Poppins', 'Segoe UI', sans-serif;
    background: linear-gradient(135deg, #f5faff, #e8f2ff);
    min-height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
```

```css
      margin: 0;
    }
    .quiz-container {
      width: 480px;
      background: #ffffff;
      padding: 32px;
      border-radius: 18px;
      box-shadow: 0 12px 30px rgba(0, 123, 255, 0.12);
    }
    h2 {
      text-align: center;
      color: #1f3c88;
      margin-bottom: 12px;
      font-weight: 600;
    }
    .timer {
      text-align: center;
      font-size: 16px;
      color: #2563eb;
      font-weight: 500;
      margin-bottom: 18px;
    }
    #question-text {
      font-size: 18px;
      color: #334e68;
      margin-bottom: 18px;
    }
    #options label {
      display: block;
      background: #f0f7ff;
      padding: 11px;
      margin: 10px 0;
      border-radius: 10px;
      cursor: pointer;
      border: 1px solid #dbeafe;
      transition: all 0.3s ease;
    }
    #options label:hover {
      background: #e0efff;
      transform: scale(1.01);
    }
    #options input {
      margin-right: 10px;
    }
    .buttons {
      text-align: center;
      margin-top: 22px;
```

```css
}
button {
    padding: 10px 26px;
    border: none;
    border-radius: 25px;
    background: linear-gradient(135deg, #93c5fd, #bfdbfe);
    color: #1e3a8a;
    font-size: 15px;
    font-weight: 500;
    cursor: pointer;
    margin: 6px;
    transition: all 0.3s ease;
}
button:hover {
    background: linear-gradient(135deg, #60a5fa, #93c5fd);
    color: white;
    transform: translateY(-1px);
}
#result-section {
    display: none;
    text-align: center;
}
#score-text {
    font-size: 18px;
    color: #1f3c88;
    margin: 18px 0;
}
```

script.js :

```javascript
$(document).ready(function () {

    var quizQuestions = [
        { question: "Which language is used for web pages?", options: ["Java", "C", "JavaScript", "Python"], answer: "JavaScript" },
        { question: "jQuery is a?", options: ["Language", "Library", "Database", "Browser"], answer: "Library" },
        { question: "Which selector selects ID?", options: [".", "#", "*", "%"], answer: "#" },
        { question: "HTML stands for?", options: ["Hyper Tool", "Hyper Text Markup Language", "High Text", "None"], answer: "Hyper Text Markup Language" },
        { question: "CSS is used for?", options: ["Logic", "Database", "Styling", "Server"], answer: "Styling" },
        { question: "Which tag creates link?", options: ["<a>", "<link>", "<href>", "<p>"], answer: "<a>" },
        { question: "JavaScript runs in?", options: ["Server", "Browser", "Compiler", "OS"], answer: "Browser" },
        { question: "Bootstrap is a?", options: ["Library", "Framework", "Language", "Tool"], answer: "Framework" },
```

```javascript
    { question: "Which is frontend?", options: ["PHP", "Node", "HTML", "Python"], answer:
"HTML" },
    { question: "Which symbol for class selector?", options: ["#", ".", "*", "&"], answer: "." }
  ];
  var currentIndex = 0;
  var userAnswers = [];
  var score = 0;
  var timeLeft = 10;
  var timer;
  function startTimer() {
    clearInterval(timer);
    timeLeft = 10;
    $("#time").text(timeLeft);
    timer = setInterval(function () {
      timeLeft--;
      $("#time").text(timeLeft);
      if (timeLeft === 0) {
        clearInterval(timer);
        $("#nextBtn").click();
      }
    }, 1000);
  }
  function loadQuestion(index) {
    $("#quiz-section").hide().fadeIn(500);

    $("#question-number").text("Question " + (index + 1) + " of 10");
    $("#question-text").text(quizQuestions[index].question);
    $("#options").empty();
    $.each(quizQuestions[index].options, function (i, option) {
      var checked = userAnswers[index] === option ? "checked" : "";
      $("#options").append(
        `<label>
          <input type="radio" name="option" value="${option}" ${checked}>
          ${option}
        </label>`
      );
    });

    $("#prevBtn").toggle(index !== 0);
    $("#nextBtn").text(index === 9 ? "Submit" : "Next");

    startTimer();
  }

  $("#nextBtn").click(function () {
    var selected = $("input[name='option']:checked").val();
    if (!selected && timeLeft > 0) {
```

```javascript
        alert("Please select an answer!");
        return;
      }
      userAnswers[currentIndex] = selected || "";

      if (currentIndex === 9) {
        calculateScore();
        $("#quiz-section").hide();
        $(".timer").hide();
        $("#result-section").fadeIn();
      } else {
        currentIndex++;
        loadQuestion(currentIndex);
      }
    });
    $("#prevBtn").click(function () {
      currentIndex--;
      loadQuestion(currentIndex);
    });

    function calculateScore() {
      score = 0;
      for (var i = 0; i < quizQuestions.length; i++) {
        if (userAnswers[i] === quizQuestions[i].answer) {
          score++;
        }
      }
      $("#score-text").text("You scored " + score + " out of 10");
    }

    $("#restartBtn").click(function () {
      currentIndex = 0;
      userAnswers = [];
      score = 0;
      $(".timer").show();
      $("#result-section").hide();
      $("#quiz-section").fadeIn();
      loadQuestion(currentIndex);
    });

    loadQuestion(currentIndex);
});
```

Output :

KCET Learning – Online Quiz

⏱ Time Left: 8 seconds

Question 2 of 10

jQuery is a?

○ Language

○ Library

○ Database

○ Browser

Previous   Next

KCET Learning – Online Quiz

🎉 **Quiz Completed!**

You scored 3 out of 10

Restart Quiz