```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>jQuery Quiz App</title>

  <!-- jQuery CDN -->
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
<style>
  body {
    font-family: 'Segoe UI', Tahoma, sans-serif;
    background: linear-gradient(135deg, #667eea, #764ba2);
    min-height: 100vh;
  }

  .container {
    width: 520px;
    margin: 60px auto;
    background: #ffffff;
    padding: 25px;
    border-radius: 12px;
    box-shadow: 0 20px 40px rgba(0,0,0,0.2);
  }

  h2 {
    text-align: center;
    color: #4a148c;
    margin-bottom: 15px;
  }

  .question {
    font-size: 18px;
    font-weight: 600;
    color: #333;
    margin-bottom: 15px;
  }

  .options label {
    display: block;
    padding: 10px;
    margin-bottom: 8px;
    border-radius: 6px;
```

```css
    background: #f3f3f3;
    cursor: pointer;
    transition: all 0.3s ease;
}
.options label:hover {
    background: #e1bee7;
}
.options input[type="radio"] {
    margin-right: 8px;
}
button {
    padding: 10px 18px;
    border: none;
    border-radius: 6px;
    background: #6a1b9a;
    color: white;
    font-size: 14px;
    cursor: pointer;
    transition: 0.3s;
}
button:hover {
    background: #4a148c;
    transform: translateY(-1px);
}
#prevBtn {
    background: #9e9e9e;
}
#prevBtn:hover {
    background: #757575;
}
.error {
    color: #d32f2f;
    font-size: 14px;
    margin-top: 10px;
}
#timer {
    color: #d81b60;
    font-weight: bold;
}
input[type="text"] {
    width: 95%;
    padding: 10px;
```

```css
      border-radius: 6px;
      border: 1px solid #ccc;
      margin-top: 5px;
    }
    input[type="text"]:focus {
      outline: none;
      border-color: #6a1b9a;
    }
    .summary {
      text-align: center;
      font-size: 16px;
      line-height: 1.8;
    }
    .summary strong {
      color: #4a148c;
    }
    #restartQuiz {
      margin-top: 15px;
      background: #2e7d32;
    }
    #restartQuiz:hover {
      background: #1b5e20;
    }
</style>
</head>
<body>

<div class="container">
    <div id="userInfo">
      <h2>Start Quiz</h2>
      <label>Name:</label>
      <input type="text" id="username"><br><br>
      <label>Roll No:</label>
      <input type="text" id="rollno"><br><br>
      <button id="startQuiz">Start Quiz</button>
      <p class="error"></p>
    </div>

    <div id="quiz" style="display:none;">
      <h2>Quiz</h2>
      <p><strong>Time Left:</strong> <span id="timer">60</span> seconds</p>
```

```html
    <div class="question"></div>
    <div class="options"></div>
    <button id="prevBtn">Previous</button>
    <button id="nextBtn">Next</button>
    <p class="error"></p>
  </div>

  <div id="summary" style="display:none;" class="summary">
    <h2>Quiz Summary</h2>
    <p id="summaryText"></p>
    <button id="restartQuiz">Restart Quiz</button>
  </div>
</div>

<script>
  $(document).ready(function () {
    const questions = [
      {
        question: "Which language is used for web development?",
        options: ["Python", "HTML", "C++", "Java"],
        answer: 1
      },
      {
        question: "Which library is used for DOM manipulation?",
        options: ["React", "Angular", "jQuery", "Vue"],
        answer: 2
      },
      {
        question: "What does CSS stand for?",
        options: [
          "Color Style Sheets",
          "Cascading Style Sheets",
          "Creative Style System",
          "Computer Style Sheets"
        ],
        answer: 1
      },
      {
        question: "Which symbol is used for jQuery?",
        options: ["#", "$", "@", "&"],
        answer: 1
      },
```

```javascript
  {
    question: "Which HTML tag is used to link JavaScript?",
    options: ["js", "script", "javascript", "link"],
    answer: 1
  }
];

let currentQuestion = 0;
let userAnswers = [];
let username = "";
let rollno = "";
let timeLeft = 60;
let timerInterval;
$("#startQuiz").click(function () {
    username = $("#username").val().trim();
    rollno = $("#rollno").val().trim();

    if (username === "" || rollno === "") {
        $(".error").text("Please enter name and roll number.");
        return;
    }
    $("#userInfo").fadeOut(function () {
        $("#quiz").fadeIn();
        startTimer();
        loadQuestion();
    });
});
    function startTimer() {
    $("#timer").text(timeLeft);

    timerInterval = setInterval(function () {
        timeLeft--;
        $("#timer").text(timeLeft);

        if (timeLeft <= 0) {
            clearInterval(timerInterval);
            showSummary();
        }
    }, 1000);
}
    function loadQuestion() {
    $(".error").text("");
```

```javascript
      const q = questions[currentQuestion];
      $(".question").text(`Q${currentQuestion + 1}. ${q.question}`);
      $(".options").empty();
      $.each(q.options, function (index, option) {
        const checked = userAnswers[currentQuestion] === index ? "checked" : "";
        $(".options").append(`
          <label>
            <input type="radio" name="option" value="${index}" ${checked}>
            ${option}
          </label>
        `);
      });
    }
    $("#nextBtn").click(function () {
      const selected = $("input[name='option']:checked").val();

      if (selected === undefined) {
        $(".error").text("Please select an answer before continuing.");
        return;
      }
      userAnswers[currentQuestion] = parseInt(selected);
      if (currentQuestion < questions.length - 1) {
        currentQuestion++;
        $("#quiz").fadeOut(function () {
          loadQuestion();
          $("#quiz").fadeIn();
        });
      } else {
        clearInterval(timerInterval);
        showSummary();
      }
    });
    $("#prevBtn").click(function () {
      if (currentQuestion > 0) {
        currentQuestion--;
        $("#quiz").fadeOut(function () {
          loadQuestion();
          $("#quiz").fadeIn();
        });
      }
    });
```

```javascript
        function showSummary() {
          let score = 0;

          for (let i = 0; i < questions.length; i++) {
            if (userAnswers[i] === questions[i].answer) {
              score++;
            }
          }
          $("#quiz").fadeOut(function () {
            $("#summaryText").html(`
              <strong>Name:</strong> ${username}<br>
              <strong>Roll No:</strong> ${rollno}<br><br>
              <strong>Total Questions:</strong> ${questions.length}<br>
              <strong>Correct Answers:</strong> ${score}
            `);
            $("#summary").fadeIn();
          });
        }
        $("#restartQuiz").click(function () {
          currentQuestion = 0;
          userAnswers = [];
          timeLeft = 60;
          clearInterval(timerInterval);
          $("#summary").fadeOut(function () {
            $("#userInfo").fadeIn();
          });
        });
      });
    </script>
</body>
</html>
```

OUTPUT

Start Quiz

Name:

Mona

Roll No:

23ucs124

Start Quiz

Quiz

Time Left: **42** seconds

Q1. Which language is used for web development?

○ Python

◉ HTML

○ C++

○ Java

Previous   Next

Quiz Summary

Name: Mona
Roll No: 23ucs124

Total Questions: 5
Correct Answers: 5

Restart Quiz