**Javascript tutorial 2**

1.

<!DOCTYPE html>

<html>

<head>

  <title>Display Date and Time</title>

</head>

<body>

  <h1>Current Date and Time</h1>

  <p id="dateTime"></p>

  <script>

    function displayDateTime() {

      const currentDate = new Date();

      const dateTimeString = currentDate.toLocaleString();

      document.getElementById("dateTime").textContent = dateTimeString;

    }

    displayDateTime();

  </script>

</body>

</html>

2.

<!DOCTYPE html>

<html>

<head>

  <title>Enable/Disable Video on Mouseover</title>

</head>

<body>

  <video id="myVideo" width="640" height="360" controls>

    <source src="path/to/your/video.mp4" type="video/mp4">

    Your browser does not support the video tag.

  </video>

  <script>

    const video = document.getElementById("myVideo");

    function playVideoOnMouseover() {

      video.play();

    }

    function pauseVideoOnMouseout() {

      video.pause();

    }

    video.addEventListener("mouseover", playVideoOnMouseover);

    video.addEventListener("mouseout", pauseVideoOnMouseout);

  </script>

</body>

</html>

3.

<!DOCTYPE html>

<html>

<head>

  <title>Add Rows to Table</title>

</head>

<body>

  <h1>Add Rows to Table</h1>

  <table id="myTable" border="1">

      <tr>

        <td>Row 1 cell 1</td>

        <td>Row 1 cell 2</td>

      </tr>

      <tr>

        <td>Row 2 cell 1</td>

        <td>Row 2 cell 2</td>

      </tr>

  </table>

  <button onclick="addRow()">Add Row</button>

  <script>

    function addRow() {

      const table = document.getElementById("myTable").getElementsByTagName('tbody')[0];

      const newRow = table.insertRow();

      const cell1 = newRow.insertCell(0);

      const cell2 = newRow.insertCell(1);

      cell1.innerHTML = "New cell";

      cell2.innerHTML = "New cell 2";

    }

  </script>

</body>

</html>

4.

<!DOCTYPE html>

<html>

<head>

  <title>Remove Items from Dropdown List</title>

</head>

<body>

  <select id="myDropdown">

    <option value="option1">Option 1</option>

    <option value="option2">Option 2</option>

    <option value="option3">Option 3</option>

    <option value="option4">Option 4</option>

    <option value="option5">Option 5</option>

  </select>

  <button onclick="removeSelected()">Remove Selected Option</button>

  <button onclick="removeAll()">Remove All Options</button>

  <script>

    function removeSelected() {

      const dropdown = document.getElementById("myDropdown");

      const selectedIndex = dropdown.selectedIndex;

      if (selectedIndex !== -1) {

        dropdown.remove(selectedIndex);

      }

    }

    function removeAll() {

      const dropdown = document.getElementById("myDropdown");

      while (dropdown.options.length > 0) {

        dropdown.remove(0);

      }

    }

  </script>

</body>

</html>

5.

<!DOCTYPE html>

<html>

<head>

  <title>Change Table Border</title>

  <style>

    /\* CSS style for the table \*/

    table {

      border: 2px solid black;

    }

  </style>

</head>

<body>

  <table id="myTable">

    <tr>

      <td>Row 1, Cell 1</td>

      <td>Row 1, Cell 2</td>

    </tr>

    <tr>

      <td>Row 2, Cell 1</td>

      <td>Row 2, Cell 2</td>

    </tr>

  </table>

  <button onclick="changeBorder()">Change Border</button>

  <script>

    function changeBorder() {

      const table = document.getElementById("myTable");

      table.style.border = "4px dashed red";

    }

  </script>

</body>

</html>