

6a. Write a program to embed internal and external JavaScript in a web page.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Center Buttons in HTML</title>
  <style>
    /* Center content vertically and horizontally */
    body {
      justify-content: center; /* Center horizontally */
      align-items: center; /* Center vertically */
      height: 100vh; /* Full viewport height */
      margin: 0;
      flex-direction: column; /* Stack elements vertically */
      text-align: center;
    }
    /* Style buttons */
    button {
      padding: 10px 20px;
      font-size: 16px;
      margin: 10px;
      background-color: #007bff;
      color: white;
      border-radius: 5px;
    }
    button:hover {
      background-color: #0056b3;
    }
  </style>
  <script>
    function internalFunction() {
      alert("This is an internal JavaScript function!");
    }
  </script>
</head>
<body>
  <h1>JavaScript Embedding Example</h1>
  <button onclick="internalFunction()">Run Internal Script</button>
  <button onclick="externalFunction()">Run External Script</button>
  <script src="script_6a.js"></script>
</body>
</html>

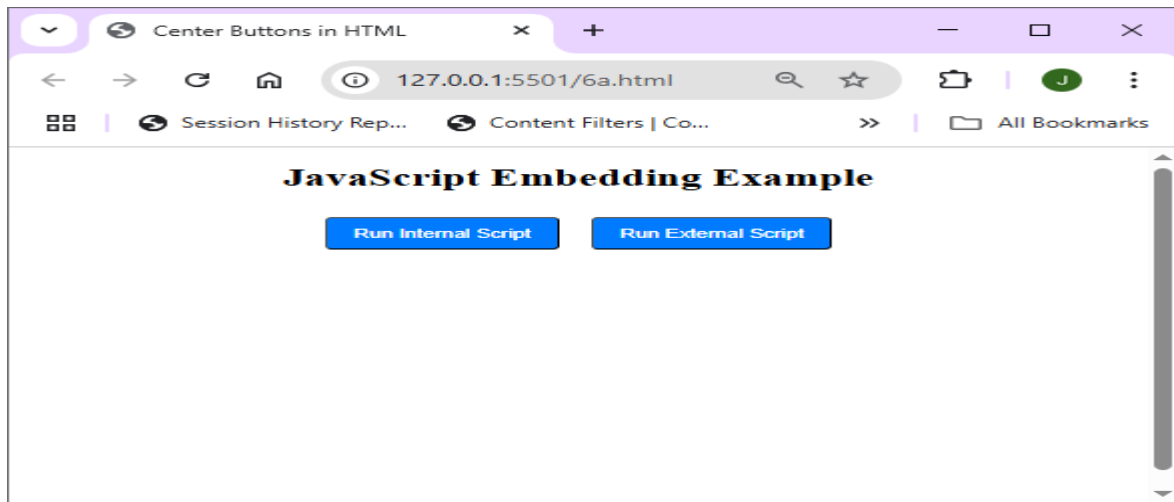
// External JavaScript function: script_6a.js
function externalFunction() {
  alert("This is an external JavaScript function!");
}

```

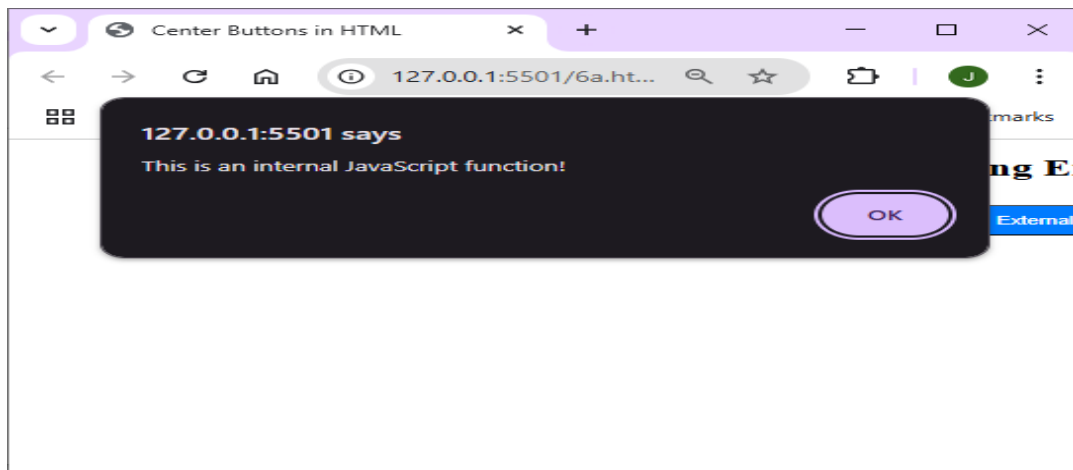
Date:

Page No:

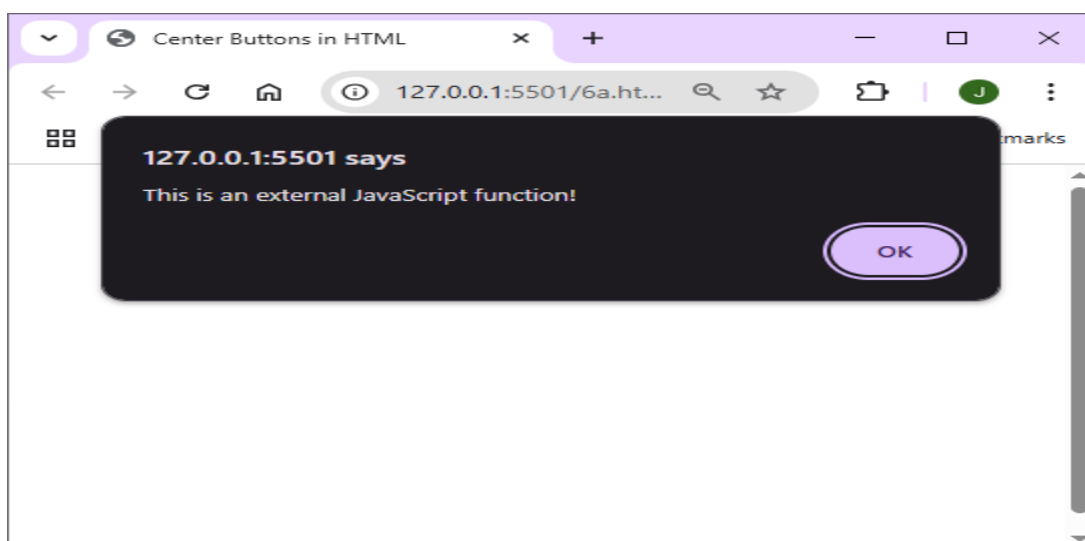
Output-1:



Output-2:



Output-3:



Date:

Page No:

b. Write a program to explain the different ways for displaying output.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>JavaScript Output Methods</title>
</head>
<body>

  <h1>JavaScript Output Methods</h1>
  <div id="output"></div> <!-- For innerHTML output -->

  <script>
    // 1. Console Output
    console.log("Hello! This is console.log() output.");
    console.warn("This is a warning message.");
    console.error("This is an error message.");

    // 2. Alert Box
    alert("This is an alert message!");

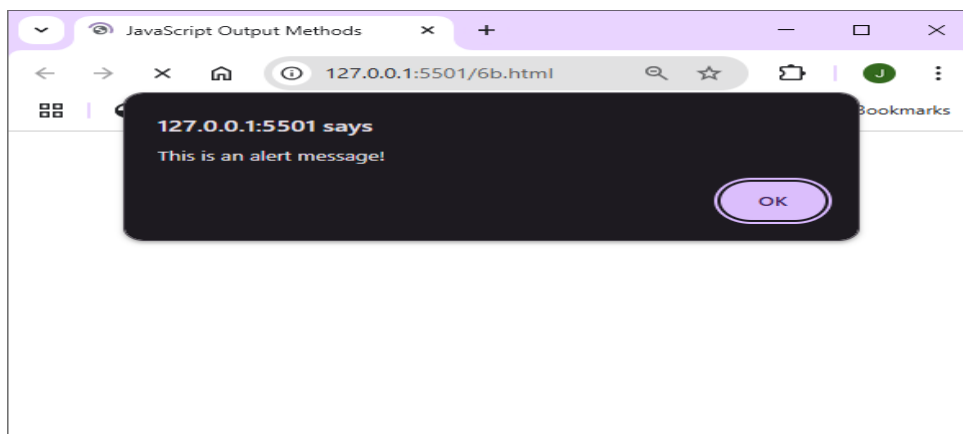
    // 3. Writing to the Web Page
    document.write("<h2>This text is written using document.write()</h2>");

    // 4. Changing an HTML Element
    document.getElementById("output").innerHTML = "This text is set using innerHTML.";

    // 5. Confirmation Box
    let confirmMsg = confirm("Do you like JavaScript?");
    document.write("<p>You clicked: " + (confirmMsg ? "Yes" : "No") + "</p>");
  </script>

</body>
</html>
```

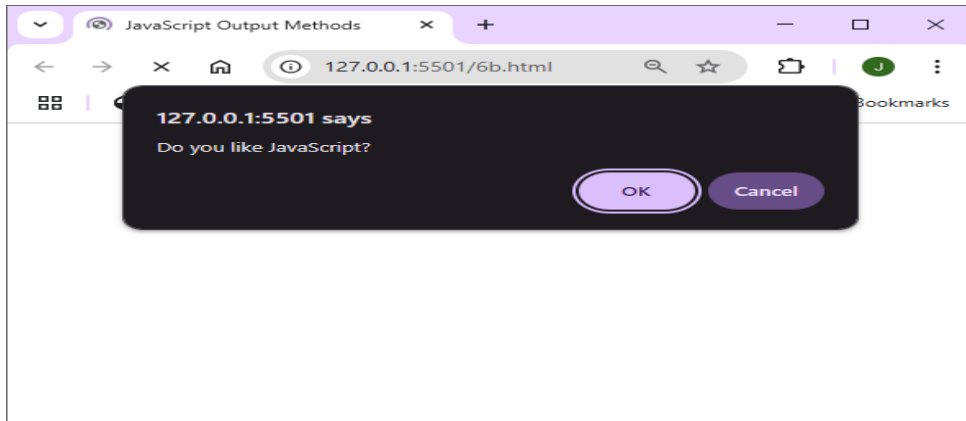
Output-1:



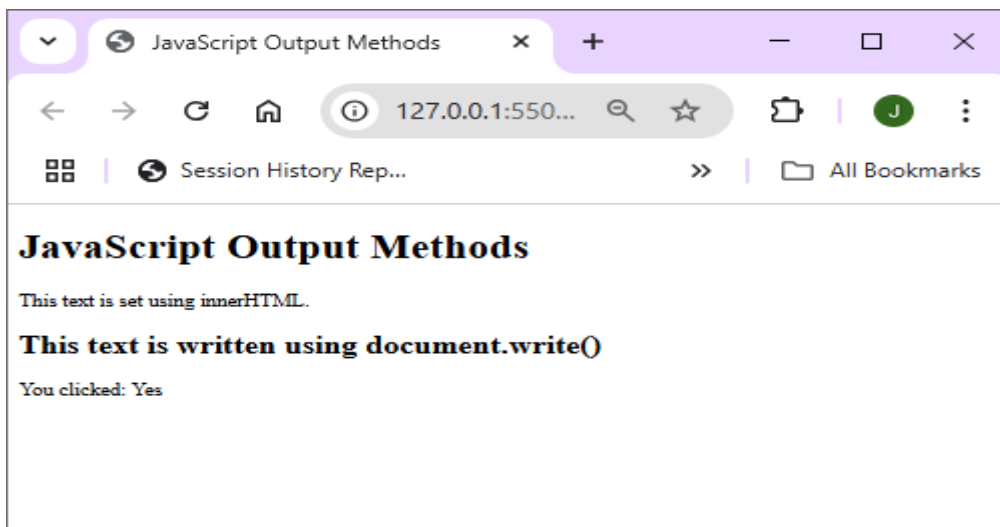
Date:

Page No:

Output-2:



Output-3:



Date:

Page No:

C. Write a program to explain the different ways for taking input.

```

<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript Input Methods</h2>

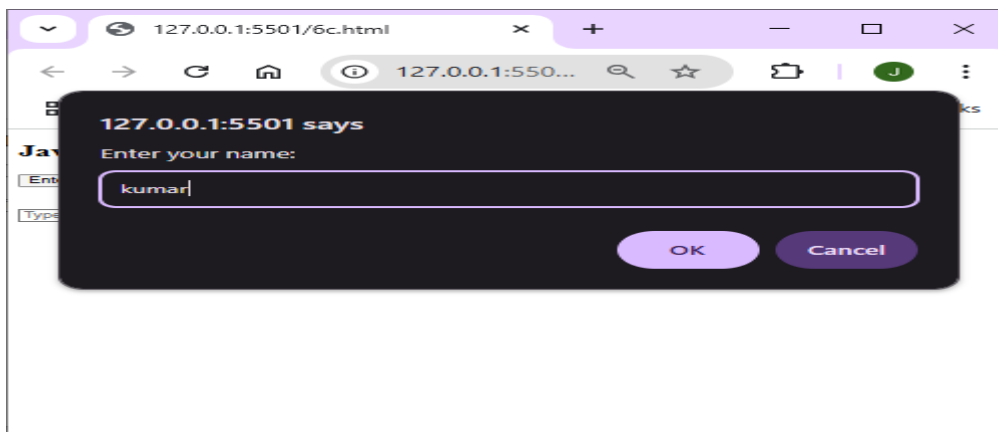
  <!-- Using prompt() -->
  <button onclick="document.getElementById('promptOutput').innerText = 'Hello, ' +
prompt('Enter your name:');">
    Enter Name (Prompt)
  </button>
  <p id="promptOutput"></p>

  <br>

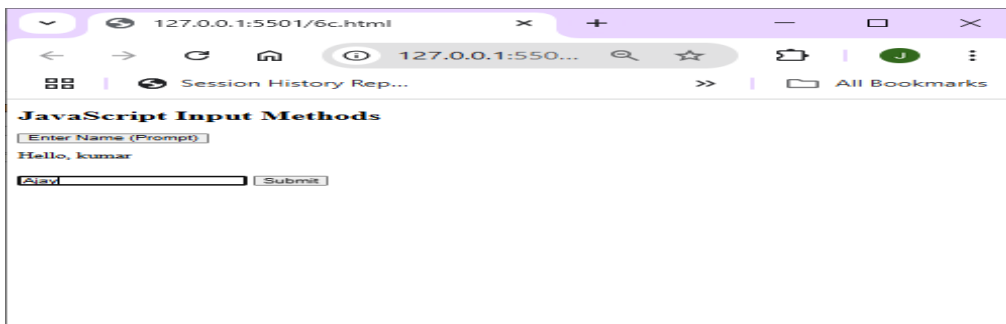
  <!-- Using HTML input field -->
  <input type="text" id="userInput" placeholder="Type something...">
  <button onclick="document.getElementById('inputOutput').innerText = 'User entered: ' +
document.getElementById('userInput').value;">
    Submit
  </button>
  <p id="inputOutput"></p>
</body>
</html>

```

Output-1:



Output-2:



Date:

Page No:

d. Create a webpage which uses prompt dialogue box to ask a voter for his name and age. Display the information in table format along with either the voter can vote or not.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Voter Eligibility</title>
</head>
<body>

  <table border="1" align="center">
    <caption><h2>Voter Eligibility Check</h2></caption>
    <tr>
      <th>Name</th>
      <th>Age</th>
      <th>Eligibility</th>
    </tr>
    <tr>
      <td id="voterName"></td>
      <td id="voterAge"></td>
      <td id="voterStatus"></td>
    </tr>
  </table>

  <script>
    let name = prompt("Enter your name:");
    let age = parseInt( prompt("Enter your age:"));

    if (name && age) {
      document.getElementById("voterName").textContent = name;
      document.getElementById("voterAge").textContent = age;
      document.getElementById("voterStatus").textContent = (age >= 18) ? "Eligible to Vote"
: "Not Eligible to Vote";
    } else {
      alert("Please enter valid details.");
    }
  </script>
</body>
</html>
```

Date:

Page No:

Output:

