

Experiment 5

Program on applying event handling on HTML web page using Java script

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Event Handling in JavaScript</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
      margin: 50px;
    }

    .button {
      background-color: #007BFF;
      color: white;
      padding: 10px 20px;
      border: none;
      border-radius: 5px;
      cursor: pointer;
      font-size: 1.2em;
      margin: 20px;
    }

    .button:hover {
      background-color: #0056b3;
    }

    .text-box {
      padding: 10px;
      font-size: 1.2em;
      width: 300px;
      border: 2px solid #ccc;
      border-radius: 5px;
      margin-top: 20px;
    }
  </style>
</head>
<body>
  <div>
    <div class="text-box">
      <input type="text" value="Enter your name here" />
    </div>
    <div class="button">
      <button>Submit</button>
    </div>
  </div>
</body>
</html>
```

```

        .result {
            font-size: 1.5em;
            color: #28a745;
            margin-top: 20px;
        }
    </style>
</head>
<body>

    <h1>JavaScript Event Handling</h1>
    <button class="button" id="changeColorButton">Change Background
Color</button>
    <button class="button" id="showAlertButton">Show Alert</button>

    <input type="text" id="nameInput" class="text-box" placeholder="Enter
your name">
    <button class="button" id="greetButton">Greet Me</button>

    <p class="result" id="greetingMessage"></p>

    <script>

document.getElementById('changeColorButton').addEventListener('click',
function() {
    document.body.style.backgroundColor = '#f4f4f4';
});

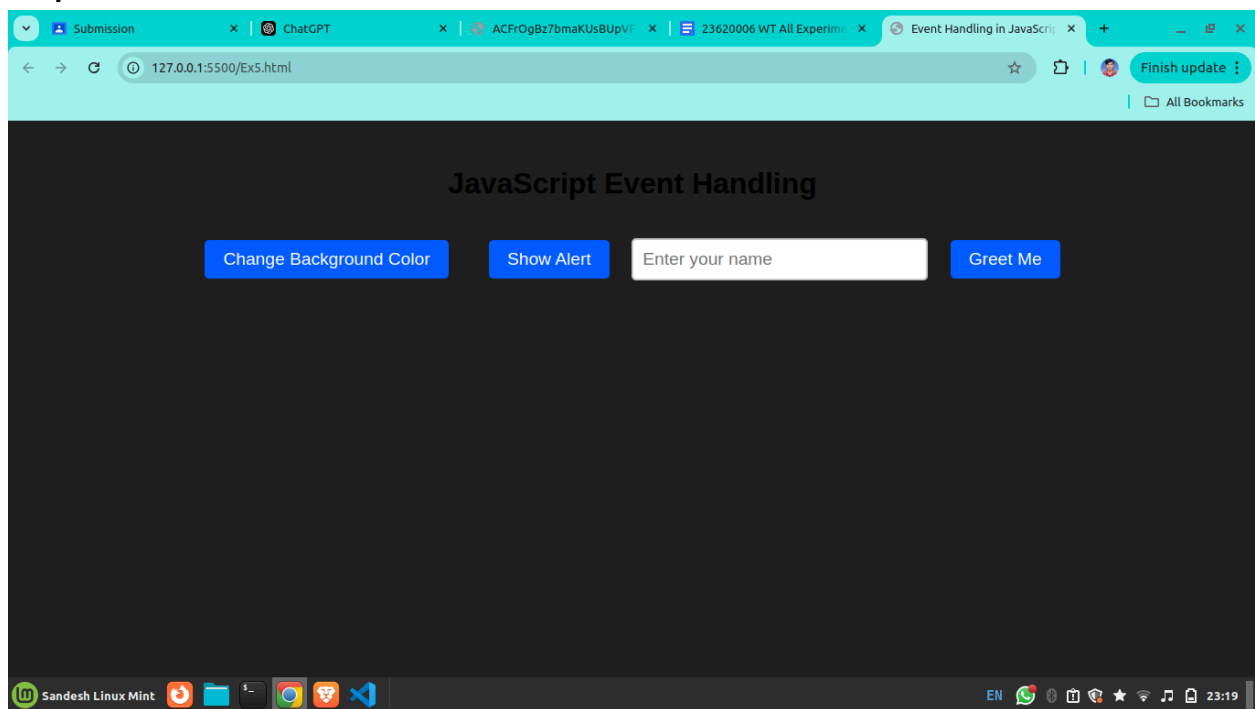
document.getElementById('showAlertButton').addEventListener('click',
function() {
    alert('This is an alert message!');
});

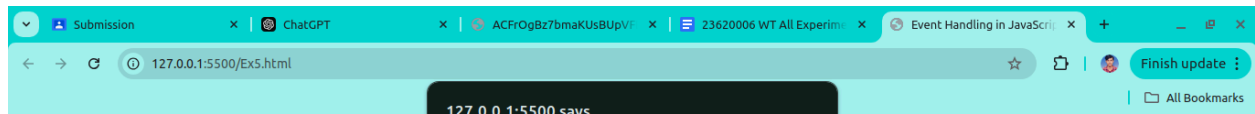
    document.getElementById('greetButton').addEventListener('click',
function() {
    var name = document.getElementById('nameInput').value;
    if (name) {
        document.getElementById('greetingMessage').textContent =
'Hello, ' + name + '!';
    } else {

```

```
        document.getElementById('greetingMessage').textContent =  
'Please enter your name.';  
    }  
    });  
</script>  
  
</body>  
</html>
```

Output :





127.0.0.1:5500 says
This is an alert message!

OK

Change Background Color Show Alert Sandesh Greet Me

Hello, Sandesh!

