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| PICTLOGO | **SCTR’s PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE - 411043** |
| **DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING** |

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| **Lab Practice -2 [404184C] : ELECTIVE-III(C) - JavaScript** | | | | | | | |
| **ACADEMIC YEAR: 2024-25** | | | | | | | |
| **CLASS** | **: BE** | **DIV** | **: 7** | **Batch** | **: R-7** | **DATE** | **:** |
| **Roll No** | **42315** | **ABC ID** | **: 187-311-403-781** | | | **SEMESTER** | **: I** |

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| --- |
| **Experiment No.: 8** |

HTML 🡺  
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <meta name="description" content="Home Page with Color Change Events">

  <title>Home Page Color Change</title>

  <link rel="stylesheet" href="style\_8.css">

</head>

<body>

  <div class="container">

    <header>

      <h1>Color changes with mouse and focus events.</h1>

    </header>

    <section id="mouseover-section" class="box">

      <h2>Mouse Over Event</h2>

    </section>

    <section id="focus-section">

      <h2>Focus Event</h2>

      <input type="text" id="focus-input" placeholder="Click here to focus">

    </section>

    <div class="info">

      <h2>Name: Tanmay Deo</h2>

      <h3>Roll Number: 42315</h3>

    </div>

  </div>

  <script src="script\_8.js"></script>

</body>

</html>

CSS 🡺

body,

html {

  margin: 0;

  padding: 0;

  font-family: Arial, sans-serif;

  background-color: #f3f4f6;

  display: flex;

  justify-content: center;

  align-items: center;

  height: 100%;

  transition: background-color 0.3s ease; /\* Smooth background change \*/

}

.container {

  text-align: center;

  background-color: #fff;

  padding: 30px;

  border-radius: 10px;

  box-shadow: 0px 0px 15px rgba(0, 0, 0, 0.1);

  width: 600px;

}

header {

  margin-bottom: 20px;

}

header h1 {

  color: #333;

}

section {

  margin: 20px 0;

  padding: 20px;

  border-radius: 10px;

  transition: background-color 0.3s ease;

}

#mouseover-section {

  background-color: #3498db;

  color: white;

  cursor: pointer;

}

#focus-section {

  background-color: #2ecc71;

  color: white;

}

#focus-input {

  padding: 10px;

  width: 200px;

  border: 1px solid #ddd;

  border-radius: 5px;

  font-size: 16px;

outline: none;

  margin-top: 10px;

}

h2,

h3 {

  margin: 5px;

  color: #4caf50;

}

JS 🡺

const mouseoverSection = document.getElementById("mouseover-section");

mouseoverSection.addEventListener("mouseover", function () {

  document.body.style.backgroundColor = "#f39c12"; // Change body background color

  document.querySelector(".container").style.backgroundColor = "#f8c471"; // Change container background color

});

mouseoverSection.addEventListener("mouseout", function () {

  document.body.style.backgroundColor = "#f3f4f6"; // Reset body background color

  document.querySelector(".container").style.backgroundColor = "#fff"; // Reset container background color

});

const focusInput = document.getElementById("focus-input");

focusInput.addEventListener("focus", function () {

  document.getElementById("focus-section").style.backgroundColor = "#e74c3c";

});

focusInput.addEventListener("blur", function () {

  document.getElementById("focus-section").style.backgroundColor = "#2ecc71";

});

Output 🡺

A screenshot of a computer

Description automatically generated

A screenshot of a computer screen

Description automatically generated

A screenshot of a computer screen

Description automatically generated

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| --- | --- | --- |
|  | | |
| Date: |  | Course Teacher Sign |