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<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Assignment 8</title>
    <style>
      body {background-color: white;
      }
    </style>
  </head>
  <body id="body" style="text-align: center">

    <script>

      function changeBackgroundColorOnMouseOver() {
        document.getElementById("body").style.backgroundColor = "yellow";
      }
      function changeBackgroundColorOnFocus() {
        document.getElementById("body").style.backgroundColor = "red";
      }
      function resetBackgroundColor() {
        document.getElementById("body").style.backgroundColor = "white";
      }
      document
        .getElementById("body")
        .addEventListener("mouseover", changeBackgroundColorOnMouseOver);
document
        .getElementById("body")
        .addEventListener("mouseout", resetBackgroundColor);
      function handleFocusEvent() {
        changeBackgroundColorOnFocus();
      }
    </script>
    <h2>42204 assignment 8 </h2>
    <h2>Society for Computer Technology and Research's</h2>
    <h1>Pune Institute of Computer Technology</h1>
    <h4>Department of Electronics and Telecommunications</h4>
    
    
    <button onfocus="handleFocusEvent()">Focus Me</button>
  </body>
</html>

```