DEPARTMENT OF



COMPUTERSCIENCE& ENGINEERING

**Experiment - 03**

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Branch: BE CSE-IS

Semester: 5

Subject: Full Stack Development

**Aim:** Admin Dashboard with CSS Grid Layout and Theme Switching.

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <title>Admin Dashboard</title>

  <style>

    :root {

      --header-bg: #4CAF50;

      --sidebar-bg: #f4f4f4;

      --main-bg: #fff;

      --text-color: #000;

      --link-color: purple;

      --footer-bg: #4CAF50;

    }

    body.dark {

      --header-bg: #333;

      --sidebar-bg: #2c2c2c;

      --main-bg: #111;

      --text-color: #ccc;

      --link-color: #9a84ff;

      --footer-bg: #1a1a1a;

    }

    body {

      margin: 0;

      font-family: Arial, sans-serif;

      display: grid;

      grid-template-rows: 60px 1fr 40px;

      grid-template-columns: 200px 1fr;

      grid-template-areas:

        "header header"

        "sidebar main"

        "footer footer";

      height: 100vh;

      background-color: var(--main-bg);

      color: var(--text-color);

    }

    header {

      grid-area: header;

      background-color: var(--header-bg);

      color: white;

      display: flex;

      justify-content: space-between;

      align-items: center;

      padding: 0 20px;

    }

    .dark-toggle {

      color: white;

      font-size: 14px;

      cursor: pointer;

    }

    aside {

      grid-area: sidebar;

      background-color: var(--sidebar-bg);

      padding: 20px;

    }

    aside a {

      display: block;

      color: var(--link-color);

      margin-bottom: 10px;

      text-decoration: underline;

    }

    main {

      grid-area: main;

      padding: 20px;

      background-color: var(--main-bg);

    }

    footer {

      grid-area: footer;

      background-color: var(--footer-bg);

      color: white;

      text-align: center;

      line-height: 40px;

      font-size: 14px;

    }

  </style>

</head>

<body>

  <header>

    <h1>Admin Dashboard</h1>

    <label class="dark-toggle">

      <input type="checkbox" id="themeToggle" /> Dark Mode

    </label>

  </header>

  <aside>

    <a href="#">Home</a>

    <a href="#">Users</a>

    <a href="#">Settings</a>

  </aside>

  <main>

    <h2>Welcome, Admin!</h2>

    <p>This is the main content area. Add charts, tables, or reports here.</p>

  </main>

  <footer>

    © 2025 Admin Panel

  </footer>

  <script>

    const toggle = document.getElementById('themeToggle');

    toggle.addEventListener('change', () => {

      document.body.classList.toggle('dark', toggle.checked);

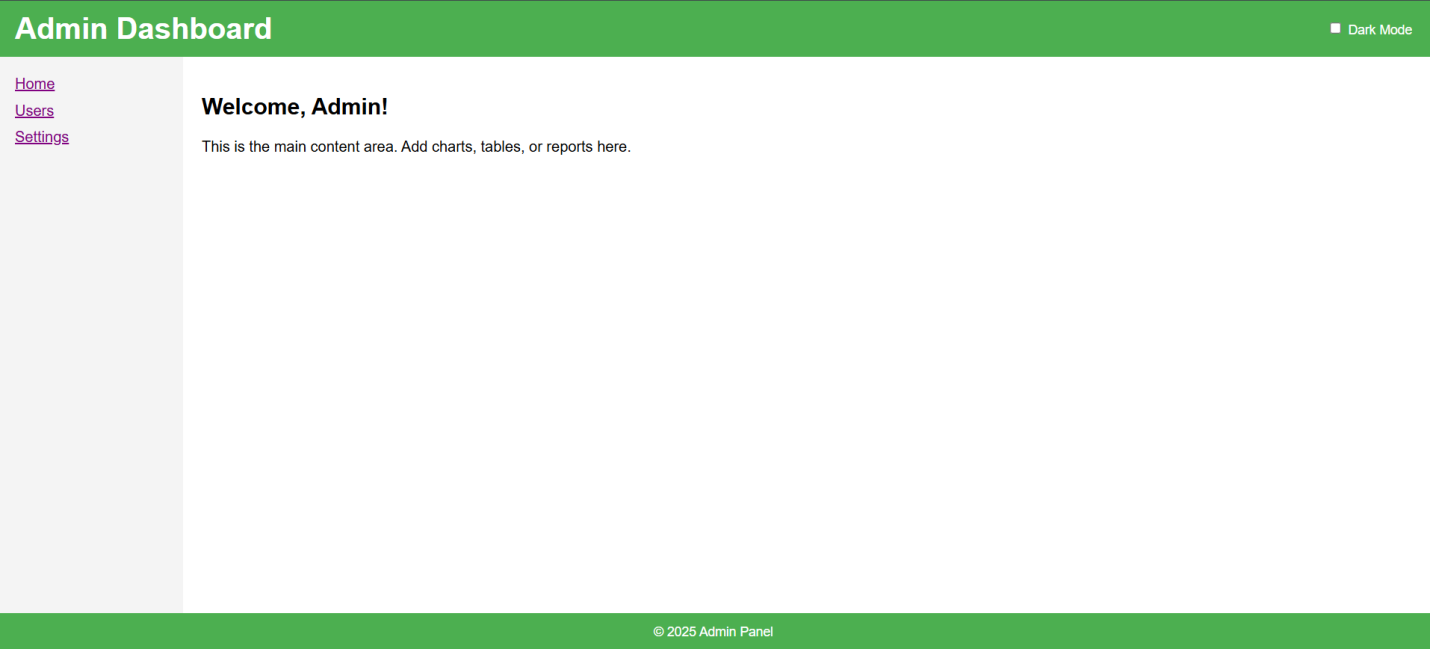
    });

</script>

</body>

</html>

**Output:**

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