Experiment 3: Admin Dashboard with CSS Grid and Theme Switching

AIM

Create a responsive admin dashboard using CSS Grid and include a light/dark theme switcher.

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: #f2f2f2;
      --main-bg: white;
      --text-color: black;
      --footer-bg: #4CAF50;
    }
    body.dark-mode {
      --header-bg: #222;
      --sidebar-bg: #333;
      --main-bg: #111;
      --text-color: #f0f0f0;
      --footer-bg: #222;
    }
    body {
      margin: 0;
      font-family: Arial, sans-serif;
      display: grid;
      grid-template-areas:
        "header header"
        "sidebar main"
        "footer footer";
      grid-template-columns: 200px 1fr;
      grid-template-rows: 60px 1fr 40px;
      height: 100vh;
      background-color: var(--main-bg);
      color: var(--text-color);
    }
    header, footer {
      padding: 10px 20px;
      background-color: var(--header-bg);
      color: white;
    }
    aside {
```

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      background-color: var(--sidebar-bg);
      padding: 20px;
    }
    main {
      padding: 20px;
    }
    .theme-toggle {
      float: right;
    }
  </style>
</head>
<body>
  <header>
    <h2>Admin Dashboard</h2>
    <div class="theme-toggle">
      <label><input type="checkbox" id="themeSwitcher" /> Dark Mode</label>
    </div>
  </header>
  <aside>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">Users</a></li>
      <li><a href="#">Settings</a></li>
    </ul>
  </aside>
  <main>
    <h3>Welcome, Admin!</h3>
    <p>This is the main content area. Add charts, tables, or reports here.</p>
  </main>
  <footer>© 2025 Admin Panel</footer>
  <script>
    document.getElementById('themeSwitcher').addEventListener('change', () => {
      document.body.classList.toggle('dark-mode');
    });
  </script>
</body>
</html>
```

Output :