WEEK-2

Program 1: Develop and demonstrate the usage of Inline, Internal and External style sheet using CSS

Code:

File: inline_home.html

```html
<!DOCTYPE html>
<html>
<head>
    <title>Online Hostel Management</title>
</head>
<body style="margin:0; font-family:Arial; background:linear-
gradient(135deg,#1e3c72,#2a5298); color:white;">

<!-- Navbar -->
<div style="display:flex; justify-content:space-between; padding:15px 40px;
background:rgba(0,0,0,0.7);">

    <h1 style="margin:0;">Hostel Management</h1>

    <ul style="display:flex; list-style:none; gap:20px; margin:0;">
        <li><a href="#" style="text-decoration:none;
color:white;">Home</a></li>
        <li><a href="#" style="text-decoration:none;
color:white;">Login</a></li>
        <li><a href="#" style="text-decoration:none;
color:white;">Register</a></li>
        <li><a href="#" style="text-decoration:none;
color:white;">Contact</a></li>
    </ul>

</div>

<!-- Content -->
<div style="display:flex; justify-content:center; margin-top:80px;">

    <div style="background:white; color:black; padding:30px; border-
radius:10px; text-align:center; width:400px;">

        <h2>Welcome to Online Hostel Management System</h2>

        <p>Manage student rooms, fees, and records efficiently.</p>

        <button style="margin-top:15px; padding:10px 20px; border:none;
background:#2a5298; color:white; border-radius:5px;">
            Get Started
        </button>

    </div>

</div>

</body>
</html>
```

File: `internal_home.html`

```html
<!DOCTYPE html>
<html>
<head>
    <title>Online Hostel Management</title>

    <style>

        body {
            margin: 0;
            font-family: Arial;
            background: linear-gradient(135deg,#1e3c72,#2a5298);
            color: white;
        }

        .navbar {
            display: flex;
            justify-content: space-between;
            padding: 15px 40px;
            background: rgba(0,0,0,0.7);
        }

        .navbar ul {
            display: flex;
            list-style: none;
            gap: 20px;
        }

        .navbar a {
            text-decoration: none;
            color: white;
        }

        .container {
            display: flex;
            justify-content: center;
            margin-top: 80px;
        }

        .card {
            background: white;
            color: black;
            padding: 30px;
            border-radius: 10px;
            text-align: center;
            width: 400px;
        }

        .btn {
            margin-top: 15px;
            padding: 10px 20px;
            border: none;
            background: #2a5298;
            color: white;
            border-radius: 5px;
        }

    </style>
```

```
</head>

<body>

<div class="navbar">
    <h1>Hostel Management</h1>
    <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">Login</a></li>
        <li><a href="#">Register</a></li>
        <li><a href="#">Contact</a></li>
    </ul>
</div>

<div class="container">
    <div class="card">
        <h2>Welcome to Online Hostel Management System</h2>
        <p>Manage student rooms, fees, and records efficiently.</p>
        <button class="btn">Get Started</button>
    </div>
</div>

</body>
</html>
```

External CSS:

1: `index.html`

```
<!DOCTYPE html>
<html>
<head>
    <title>Online Hostel Management</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>

<div class="navbar">
    <h1>Hostel Management</h1>
    <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">Login</a></li>
        <li><a href="#">Register</a></li>
        <li><a href="#">Contact</a></li>
    </ul>
</div>

<div class="container">
    <div class="card">
        <h2>Welcome to Online Hostel Management System</h2>
        <p>Manage student rooms, fees, and records efficiently.</p>
        <button class="btn">Get Started</button>
    </div>
</div>

</body>
</html>
```
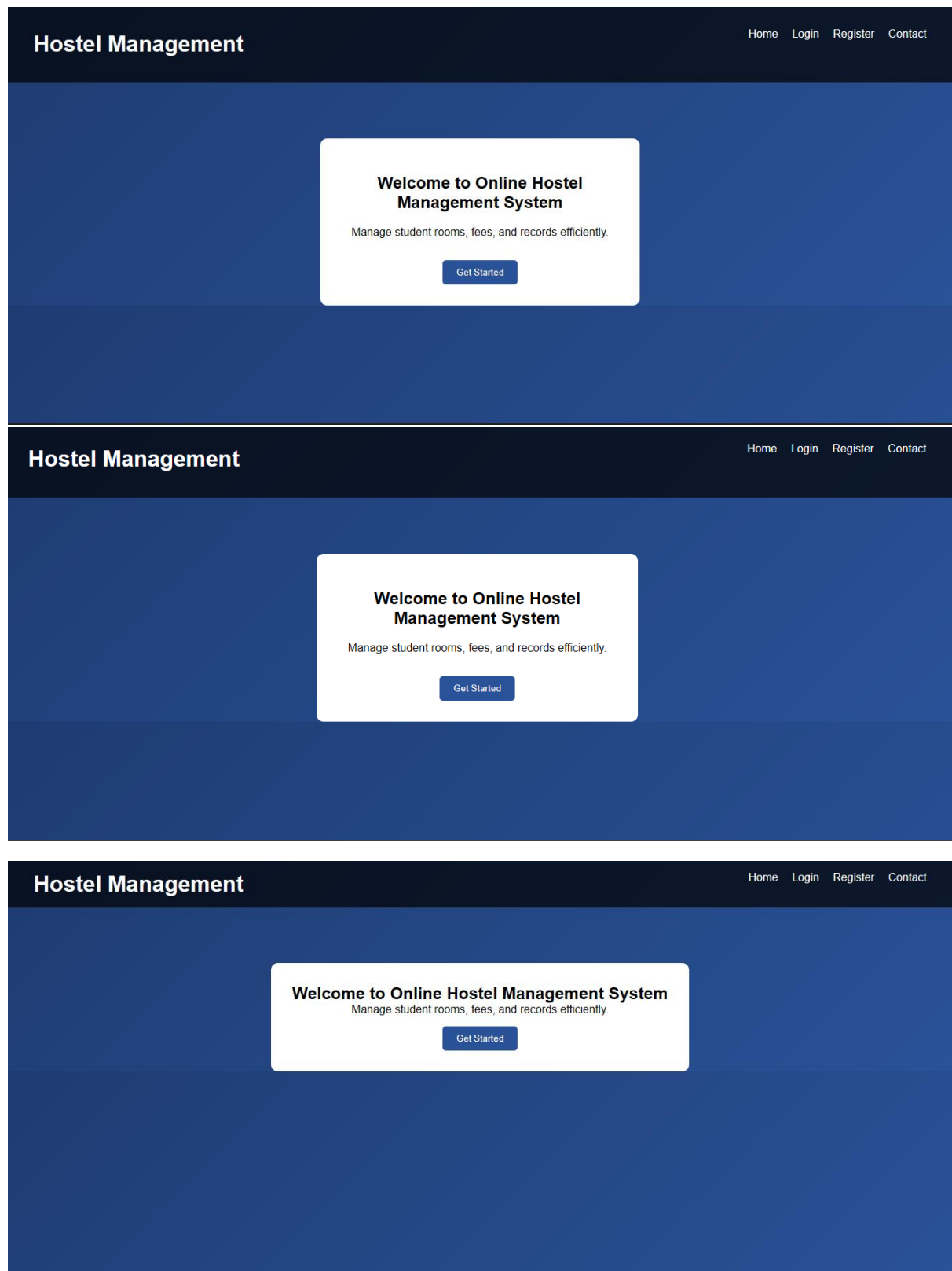
File 2: `style.css`

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: Arial;
    background: linear-gradient(135deg,#1e3c72,#2a5298);
    color: white;
}

.navbar {
    display: flex;
    justify-content: space-between;
    padding: 15px 40px;
    background: rgba(0,0,0,0.7);
}

.navbar ul {
    display: flex;
    list-style: none;
    gap: 20px;
}

.navbar a {
    text-decoration: none;
    color: white;
}

.container {
    display: flex;
    justify-content: center;
    margin-top: 80px;
}

.card {
    background: white;
    color: black;
    padding: 30px;
    border-radius: 10px;
    text-align: center;
}

.btn {
    margin-top: 15px;
    padding: 10px 20px;
    border: none;
    background: #2a5298;
    color: white;
    border-radius: 5px;
}
```
Output:

Result :

Thus, Inline, Internal and External stylesheets were implemented and demonstrated successfully using CSS.

Program 2: Design a Student Record Web Page Using CSS Keyframe Animation

Code:

```html
<!DOCTYPE html>
<html>
<head>
  <title>Student Record - Animation</title>
  <style>
    /* ===== BODY ===== */
    body {
      font-family: Arial, sans-serif;
      background: linear-gradient(135deg,#1e3c72,#2a5298);
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
    }
    /* ===== CARD ===== */
    .card {
      width: 450px;
      padding: 25px;
      background: white;
      border-radius: 12px;
      box-shadow: 0px 10px 25px rgba(0,0,0,0.3);
      animation: slideIn 1.5s ease-out;
    }
    /* ===== TITLE ===== */
    h2 {
      text-align: center;
      color: darkblue;
```

```css
    animation: glowText 2s infinite alternate;
}
/* ===== TABLE ===== */
table {
    width: 100%;
    margin-top: 20px;
    border-collapse: collapse;
}
td {
    padding: 10px;
    border: 1px solid #ccc;
}
.label {
    font-weight: bold;
    background: #e0e0ff;
    width: 40%;
}
/* ===== KEYFRAME ANIMATION ===== */
@keyframes slideIn {
    from {
        transform: translateY(-80px);
        opacity: 0;
    }
    to {
        transform: translateY(0);
        opacity: 1;
    }
}
@keyframes glowText {
    from {
        color: darkblue;
```

```
      text-shadow: 0 0 5px skyblue;

    }

    to {

      color: red;

      text-shadow: 0 0 15px orange;

    }

  }

</style>

</head>

<body>

  <div class="card">

    <h2>Student Record</h2>

    <table>

      <tr>

        <td class="label">Student Name</td>

        <td>Rahul Sharma</td>

      </tr>

      <tr>

        <td class="label">Roll Number</td>

        <td>CS101</td>

      </tr>

      <tr>

        <td class="label">Course</td>

        <td>B.Tech CSE</td>

      </tr>

      <tr>

        <td class="label">Semester</td>

        <td>4</td>

      </tr>

      <tr>

        <td class="label">Email</td>
```

```
          <td>rahul@gmail.com</td>

        </tr>

        <tr>

          <td class="label">Phone</td>

          <td>9876543210</td>

        </tr>

      </table>

    </div>

  </body>

</html>
```

Output:

Result :

Thus, a Student Record Web Page was designed and CSS keyframe animation was implemented successfully.