EXPERIMENT-1
WEB PAGE USING HTML AND CSS

AIM:

To create a web page that embeds a map using frames and hotspots, and demonstrates the use of inline, internal, and external CSS styling.

ALGORITHM:

HTML:

1. Create an HTML file named `index.html`.
2. Add the basic HTML structure (`<!DOCTYPE html>`, `<html>`, `<head>`, `<body>`).
3. Link the external CSS file using `<link rel="stylesheet" href="style.css">`.
4. Create a heading for the page.
5. Create a frame using `<iframe>` to embed the map.
6. Add multiple links (hotspots) below the map.
7. Set the `target` attribute of each link to the iframe name so that the map updates inside the same frame.
8. Add inline CSS to style one of the links directly.
9. Save the HTML file.

CSS Algorithm

1. Create a CSS file named `style.css`.
2. Style the body (font, background, alignment).
3. Style the heading using internal CSS inside `<style>` tag in HTML.
4. Style the map frame (width, height, border).
5. Style the hotspot links (color, padding, hover effects).
6. Add additional styles for the container layout.
7. Save the CSS file.

CODE:

Welcome_Page.html:

```
<!DOCTYPE html>

<html>

<head>

   <title>School Management Website</title>
```

```
<link rel="stylesheet" href="style.css">
<style>
    header{
        background-color: aquamarine;
        margin: 20px;
        padding: 40px;
        font-family: Arial, Helvetica, sans-serif;
        border-radius: 10px;
        text-align: center;
        font-size: 24px;
        display: flex;
        align-items: center;
        justify-content: center;
    }
    .main{
        display: flex;
        height: 70vh;
        gap: 10px;
    }
    footer{
        background-color: aquamarine;
        padding:20px;
        margin: 10px;
        border: 30px;
    }
```

```
        .title{
            margin: 0 auto;
        }
        .left{
            background-color: #59e094;
            color: gray;
            padding: 10px 22px;
            font-size: 16px;
            border: none;
            border-radius: 6px;
            cursor: pointer;
            font-weight: bold;
        }
    </style>
</head>


<body bgcolor="grey">
    <header>
        <div class="title">
            <center>WELCOME TO SCHOOL MANAGEMENT WEBSITE</center>
        </div>
        <div class="left">
            <button onclick="window.location.href='Register.html'">Register</button>
        </div>
    </header>
```

```
  <div class="main">
    <div class="section">
      <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3887.4258201029384!2d80.0034695!3d
 13.008533400000001!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3a528c9ebac84723%3A0x18e2bf88dfefa3ed
!2sRajalakshmi%20Engineering%20College!5e0!3m2!1sen!2sin!4v1770645093202!5m2!1sen!2sin" width="550" height="500"
style="border:0;" allowfullscreen="" loading="lazy"></iframe>
    </div>
    <div class="section">
      <img src="Image-1.webp" usemap="#school" height="500">
      <map name="school">
        <area shape="rect" coords="0,0,500,500" href="https://www.rajalakshmi.org/">
      </map>
    </div>

    <div class="section">
      <iframe src="https://stjohnsporur.org/" width="600" height="500" style="border:0;"></iframe>
    </div>
  </div>

  <footer>
    <center>
      Contact us : 044-40504 1235 <br>
      Address    : Porur, Chennai
    </center>
  </footer>
```

</body>

</html>

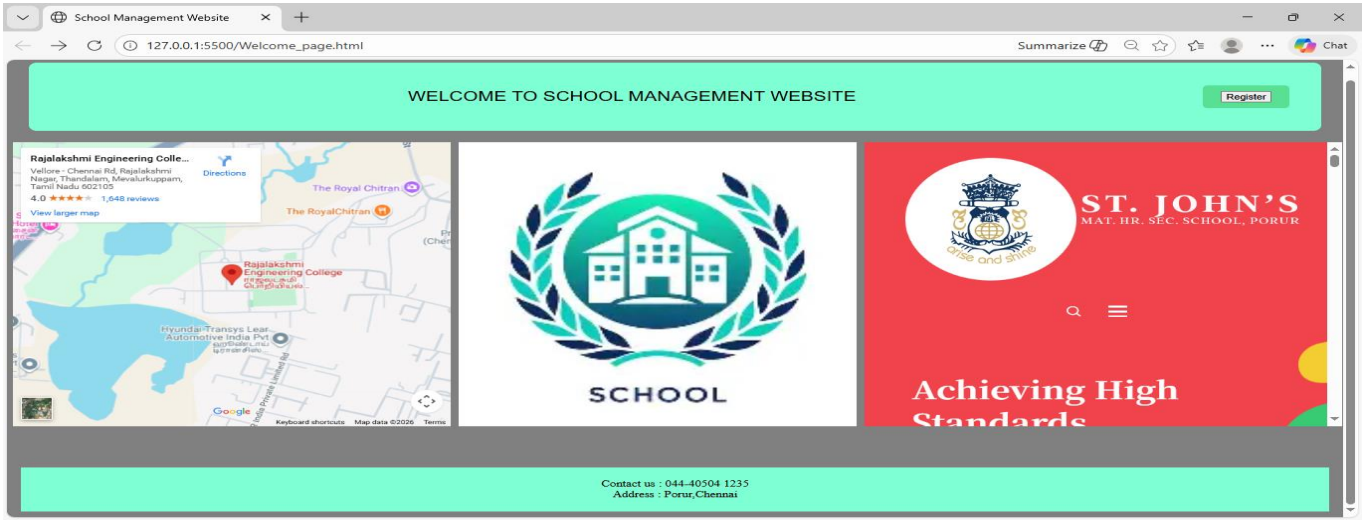
style.css:

```
.body{

    background-color:grey;

}
```

OUTPUT:



RESULT:

Thus the web page is created using HTML(Hypertext Markup Language) and CSS(Cascading Style Sheets)