

EXPERIMENT -1

Create a Web Page to Embed a Map with Hotspots, Frames & Links. Create a Web Page Using Embedded, External & Inline CSS

AIM:

To Create a Web Page to Embed a Map with Hotspots, Frames & Links And To Create a Web Page Using Embedded, External & Inline CSS

ALGORITHM:

Step 1: Create an HTML file (index.html).

- Define the document structure
- Set the page title and include internal CSS for basic styling.

Step 2: Embed an Image Map.

- Use the **Error! Filename not specified.tag** to insert an image (map).
- Define a element with a name attribute.
- Add elements inside the with different shapes (rectangle, circle, polygon).

Step 3: Create Hyperlinks.

- Add tags that allow navigation to different pages.
- Use the target attribute to open the linked pages in a frame.

Step 4: Add an Inline Frame (iframe).

- Use the tag to display linked pages within the same webpage.
- Set the name attribute for the iframe to target it from links.

Step 5: Create Additional Pages (page1.html, page2.html).

- Define a simple HTML structure.
- Apply CSS styles for a visually appealing design.
- Test the project to ensure the map hotspots and frames work correctly.

PROGRAM:

1.INDEX.HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Web Page with Hotspots, Map & Contact</title>
```

```
<link rel="icon" href="image.png">

<link rel="stylesheet" href="styles.css">

<style>
    body {
        font-family: 'Arial', sans-serif;
        background-color: #9cc2ea;
        text-align: center;
    }

    .container {
        width: 90%;
        margin: auto;
    }

    .nav {
        padding-top: 50px;
        text-align: center;
    }

    .nav a {
        color: white;
        text-decoration: none;
        font-size: 18px;
        padding: 10px 20px;
        margin: 5px;
        border-radius: 5px;
        background: #0056b3;
    }

    .nav a:hover {
        background: #003f7f;
    }

    .content {
        margin-top: 20px;
        padding: 50px;
        background-color: transparent;
        border-radius: 10px;
    }
</style>

<script src="script.js" defer></script>
</head>
<body>

    <!-- Navigation Menu -->
```

```

<div class="nav">
  <a href="#" onclick="showSection('home')">Home</a>
  <a href="#" onclick="showSection('map')">Map</a>
  <a href="#" onclick="showSection('contact')">Contact</a>
</div>

<!-- Content Sections -->
<div class="container">
  <div id="home" class="content" >
    <h1>🌐 Beautiful Hotspots in the World</h1>
    <p>Discover the most amazing places in the world!</p>
    <div class="grid" style="display: grid;
      grid-template-columns: repeat(3, 1fr);
      gap: 10px;">
      
      
      
      
      
      
    </div>
  </div>

  <div id="map" class="content" style="display: none;">
    <h1>🗺 Explore the Map</h1>
    <iframe
      src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d315
      1.8354345093703!2d144.95373531531643!3d-
      37.81627974202196!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x6ad642af
      0f11fd81%3A0xf577395e7db1b257!2sMelbourne%20CBD%2C%20VIC%2C%20Australia!5e0!3m
      2!1sen!2sin!4v1621508890666!5m2!1sen!2sin"
      width="80%"
      height="400"
      style="border:0;"
      allowfullscreen=""
      loading="lazy">
    </iframe>
  </div>

  <div id="contact" class="content" style="display: none;">
    <h1>📞 Contact Us</h1>
    <p>Email: adharshshankar24@gmail.com</p>
  </div>

```

```
<p>Phone: 9360401813</p>
<p>Address: T-Nagar</p>
</div>
</div>

</body>
</html>
```

2.STYLES.CSS

```
/* External CSS File */
.content img {
    border-radius: 10px;
    box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.2);
    margin-top: 20px;
    transition: transform 0.3s;
}

.content img:hover {
    transform: scale(1.05);
}
body {
    font-family: 'Arial', sans-serif;
    background: url('image copy 2.png') no-repeat center center fixed;
    background-size: cover;
    color: white;
}

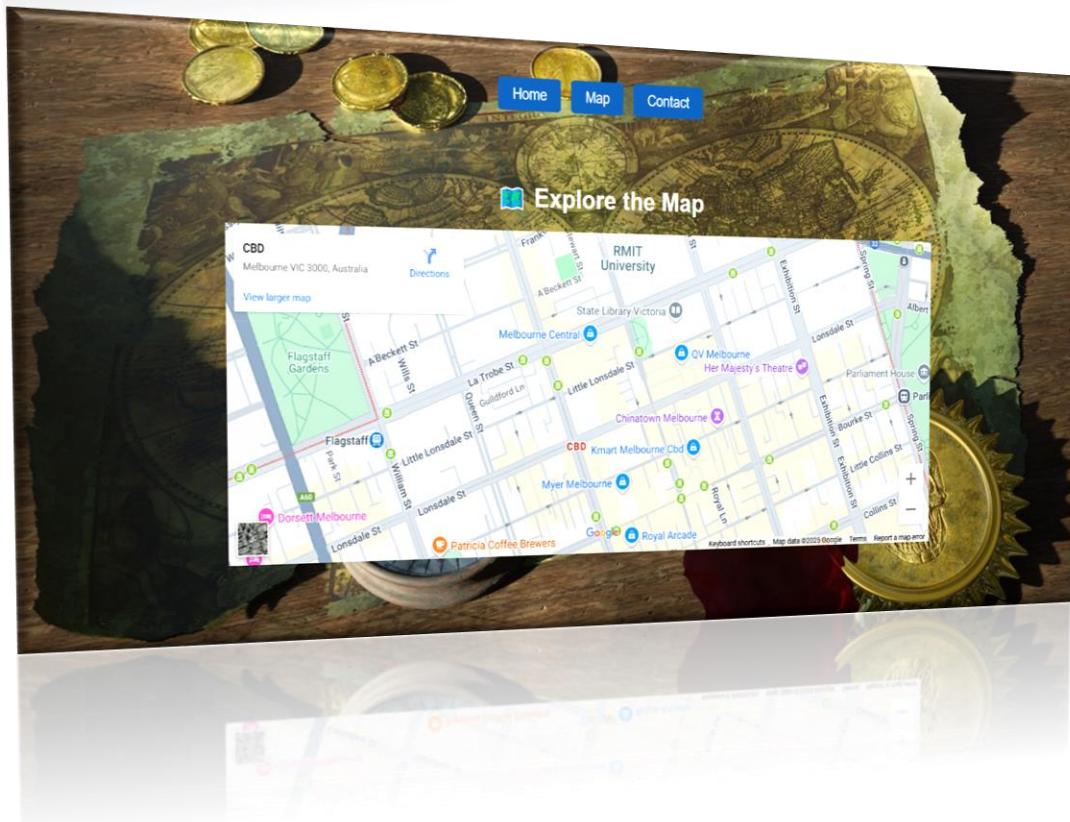
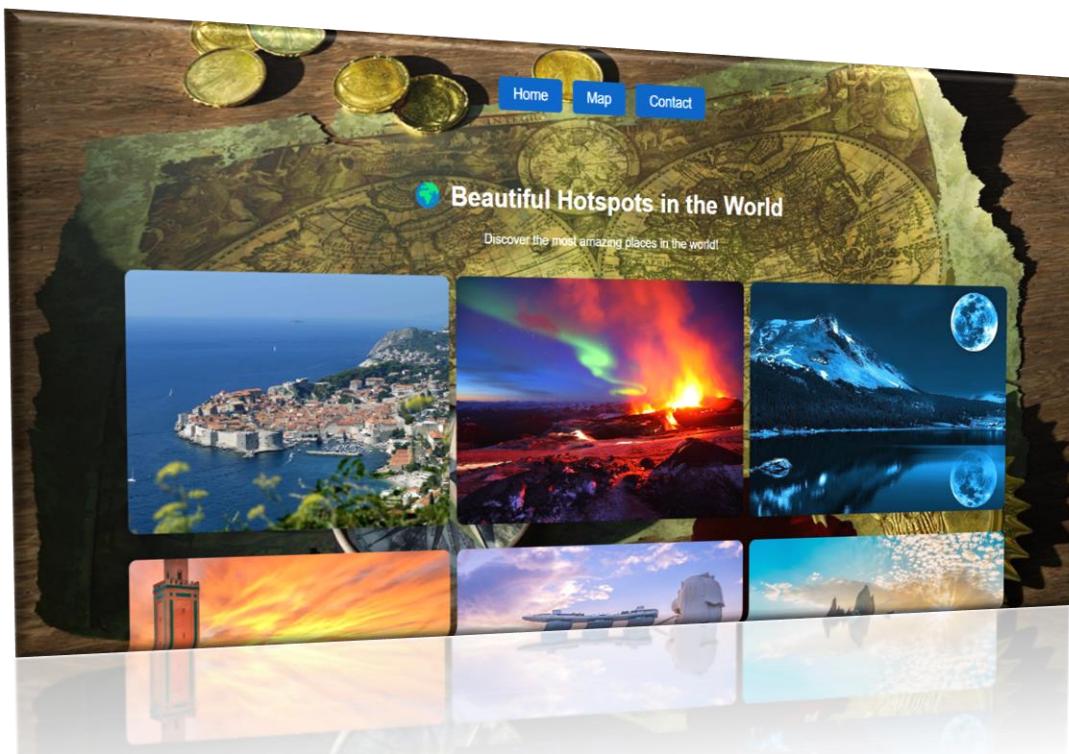
.content {
    background: rgba(0, 0, 0, 0.6);
    padding: 20px;
    border-radius: 10px;
}
```

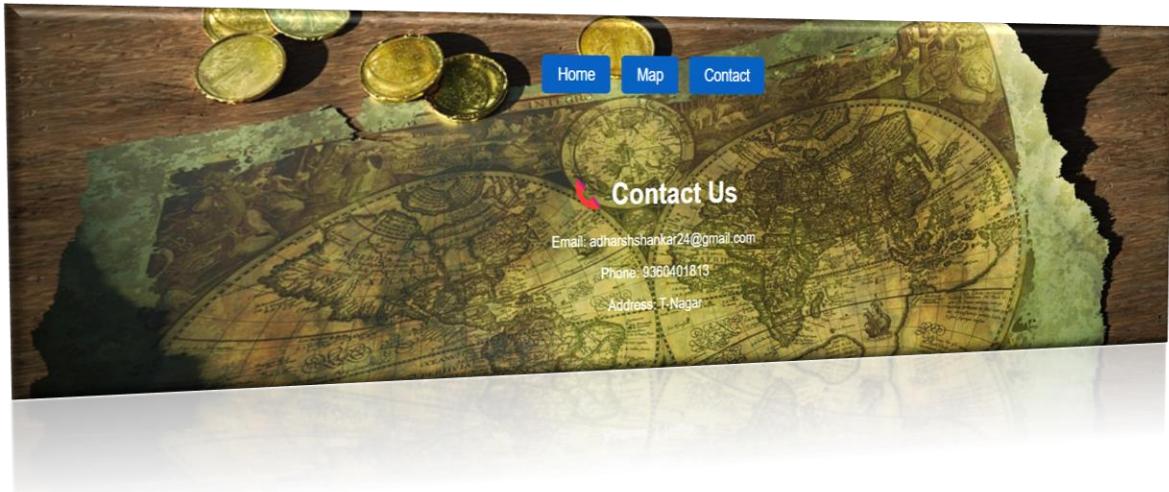
3.SCRIPT.JS

```
// JavaScript function to switch between sections
function showSection(sectionId) {
    document.getElementById("home").style.display = "none";
    document.getElementById("map").style.display = "none";
    document.getElementById("contact").style.display = "none";

    document.getElementById(sectionId).style.display = "block";
}
```

OUTPUT:





RESULT: The webpage demonstrates external, embedded, and inline CSS styles effectively.