

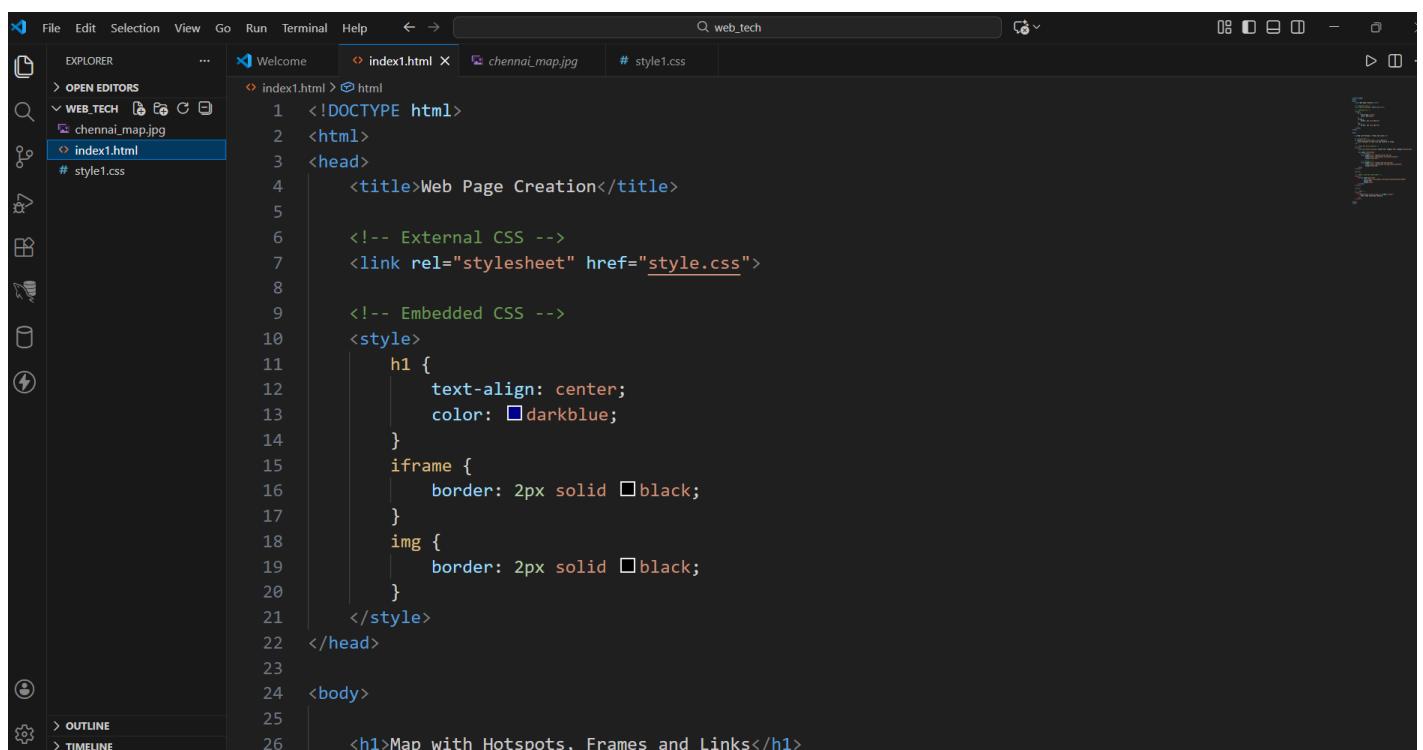
AIM:

To create a web page that embeds a map with hotspots, frames, and links. The web page should be designed using HTML, incorporating embedded, external, and inline CSS for styling. This exercise aims to enhance understanding of integrating multimedia elements like maps, creating interactive hotspots, and organizing content using frames while applying different CSS techniques for styling.

ALGORITHM:

- ❑ Create an HTML webpage and apply inline, embedded, and external CSS for styling.
- ❑ Insert a map image with hotspots using `<map>` and `<area>` tags and embed a live map using `<iframe>` as a frame.
- ❑ Add hyperlinks, run the webpage, and verify that the map, hotspots, frames, and links work correctly.

CODE:



The screenshot shows a code editor interface with a dark theme. On the left is the Explorer sidebar showing files: index1.html (selected), chennai_map.jpg, and style1.css. The main area displays the content of index1.html:

```
<!DOCTYPE html>
<html>
<head>
    <title>Web Page Creation</title>
    <!-- External CSS -->
    <link rel="stylesheet" href="style.css">
    <!-- Embedded CSS -->
    <style>
        h1 {
            text-align: center;
            color: darkblue;
        }
        iframe {
            border: 2px solid black;
        }
        img {
            border: 2px solid black;
        }
    </style>
</head>
<body>
    <h1>Map with Hotspots, Frames and Links</h1>

```

File Edit Selection View Go Run Terminal Help ← → Q web.tech

OPEN EDITORS

WEB_TECH chennai_map.jpg # style1.css

index1.html

```
2 <html>
24 <body>
27     <!-- Inline CSS -->
28     <p style="text-align:center; color:green;">
29         Click hotspots to load live map content in frame
30     </p>
32
33     <!-- IMAGE MAP WITH HOTSPOTS -->
34     <center>
35         
36
37         <map name="chennaimap">
38             <!-- Hotspot 1 -->
39             <area shape="rect" coords="50,50,150,120"
40                 href="https://www.google.com/maps?q=chennai"
41                 target="mapframe">
42
43             <!-- Hotspot 2 -->
44             <area shape="rect" coords="200,150,350,250"
45                 href="https://www.google.com/maps?q=marina+beach"
46                 target="mapframe">
47         </map>
48     </center>
49
50     <br><br>
```

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OPEN EDITORS

WEB_TECH chennai_map.jpg # style1.css

index1.html

```
2 <html>
24 <body>
51     <!-- FRAME (LIVE MAP LOADS HERE) -->
52     <center>
53         <iframe name="mapframe"
54             src="https://www.google.com/maps?q=chennai&output=embed"
55             width="600"
56             height="400">
57     </iframe>
58 </center>
59
60     <br><br>
61
62     <!-- LINKS -->
63     <center>
64         <a href="https://www.tn.gov.in" target="_blank">
65             Tamil Nadu Government Website
66         </a>
67     </center>
68
69 </body>
70 </html>
```

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OPEN EDITORS

WEB_TECH chennai_map.jpg # style1.css

style1.css

```
# style1.css > ...
1 body {
2     background-color: #f2f2f2;
3     font-family: Arial, sans-serif;
4 }
5
6 a {
7     color: red;
8     font-weight: bold;
9 }
10
```

OUTPUT:

Screenshot of a web browser showing four different views of a map of Chennai, Tamil Nadu, India.

The browser tabs are:

- Live Map Web Page
- Web Page Creation
- Web Page Creation
- Web Page Creation

The address bar shows: 127.0.0.1:5500/index1.html

The main content area displays the following maps:

- Map with Hotspots, Frames and Links:** A large map of Chennai with various hotspots and links. A callout box says "Click hotspots to load live map content in frame".
- Zoomed-in Map of Chennai:** A detailed view of the city center with labels for Avadi, Thirumazhisai, Gerugambakkam, and other neighborhoods. It includes a "View larger map" link and a "Directions" button.
- Large Map of Chennai:** A full-page map of the city, identical to the first one but without the callout box.
- Google Map of Chennai:** A standard Google Maps interface showing the city's street network and landmarks. It includes a "View larger map" link, a "Directions" button, and a "Google" logo.

At the bottom of the page, there is a link to the [Tamil Nadu Government Website](#).