

## 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.

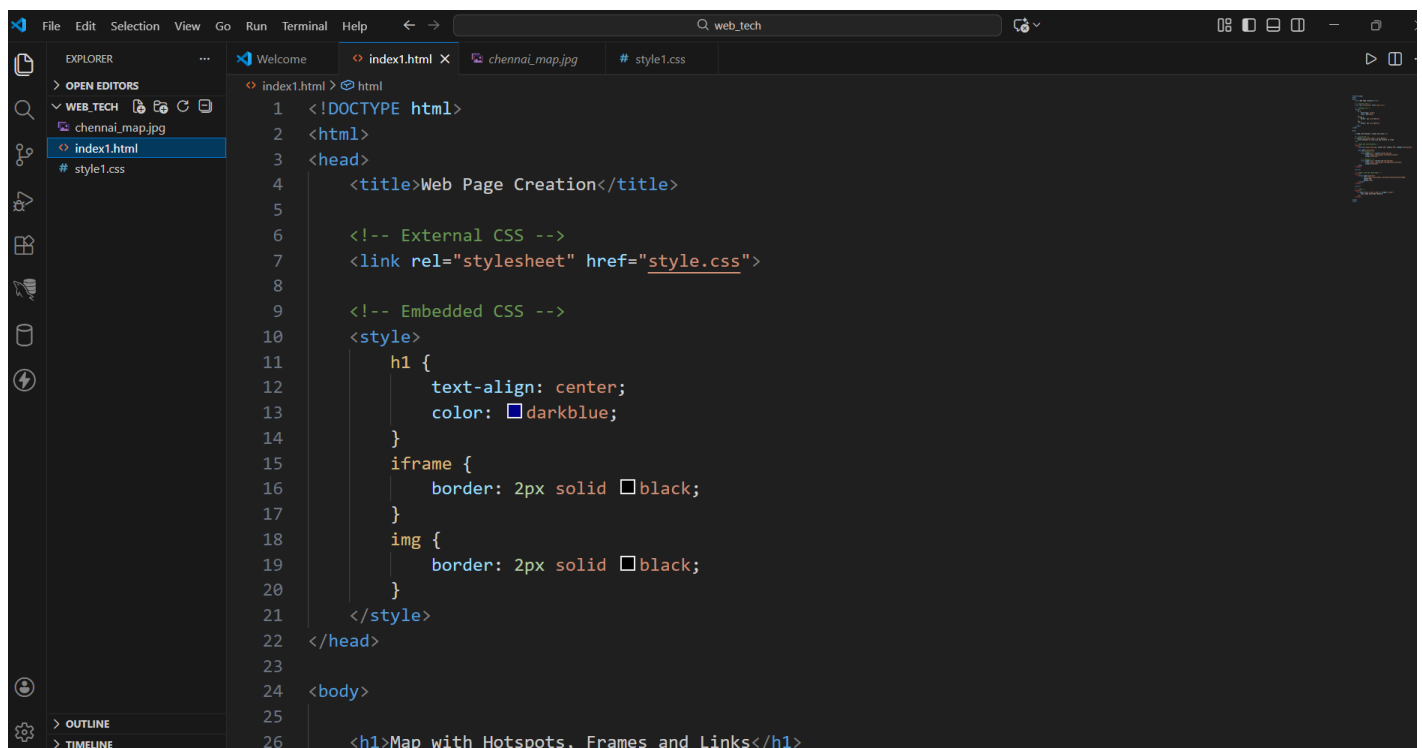
## ALGORITHM:

1. Create an HTML webpage and apply inline, embedded, and external CSS for styling.

2. Insert a map image with hotspots using `<map>` and `<area>` tags and embed a live map using `<iframe>` as a frame.

3. Add hyperlinks, run the webpage, and verify that the map, hotspots, frames, and links work correctly.

## CODE:



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Web Page Creation</title>
5
6   <!-- External CSS -->
7   <link rel="stylesheet" href="style.css">
8
9   <!-- Embedded CSS -->
10  <style>
11    h1 {
12      text-align: center;
13      color: darkblue;
14    }
15    iframe {
16      border: 2px solid black;
17    }
18    img {
19      border: 2px solid black;
20    }
21  </style>
22 </head>
23
24 <body>
25
26   <h1>Map with Hotspots, Frames and Links</h1>
```

```
File Edit Selection View Go Run Terminal Help web_tech
EXPLORER
  OPEN EDITORS
  WEB_TECH
    chennai_map.jpg
    index1.html
    style1.css
  index1.html
  style1.css

index1.html > html
2 <html>
24 <body>
27
28 <!-- Inline CSS -->
29 <p style="text-align:center; color: green;">
30   Click hotspots to load live map content in frame
31 </p>
32
33 <!-- IMAGE MAP WITH HOTSPOTS -->
34 <center>
35   
36
37   <map name="chennaiap">
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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EXPLORER
  OPEN EDITORS
  WEB_TECH
    chennai_map.jpg
    index1.html
    style1.css
  index1.html
  style1.css

index1.html > html
51 <html>
52 <body>
53 <!-- FRAME (LIVE MAP LOADS HERE) -->
54 <center>
55   <iframe name="mapframe"
56     src="https://www.google.com/maps?q=chennai&output=embed"
57     width="600"
58     height="400">
59 </iframe>
60 </center>
61 <br><br>
62
63 <!-- LINKS -->
64 <center>
65   <a href="https://www.tn.gov.in" target="_blank">
66     Tamil Nadu Government Website
67   </a>
68 </center>
69
70 </body>
71 </html>
```

```
File Edit Selection View Go Run Terminal Help web_tech
EXPLORER
  OPEN EDITORS
  WEB_TECH
    chennai_map.jpg
    index1.html
    style1.css
  style1.css

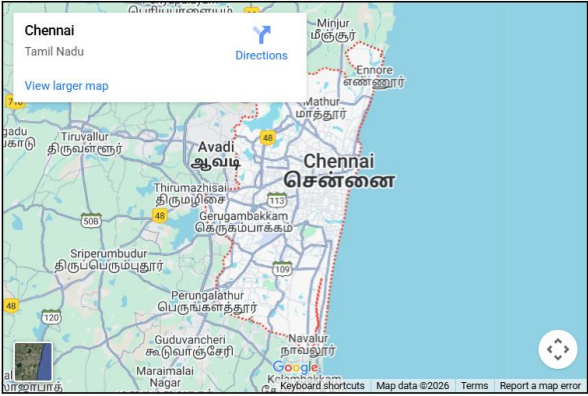
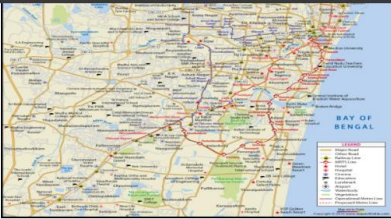
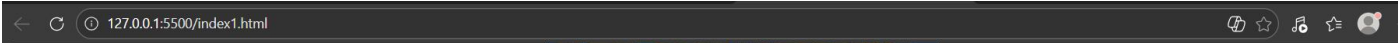
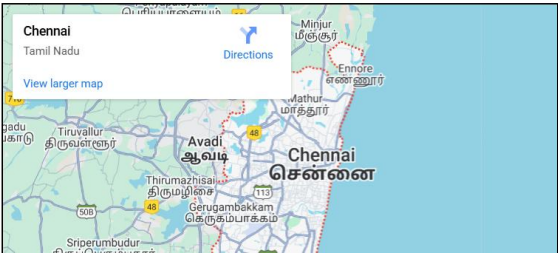
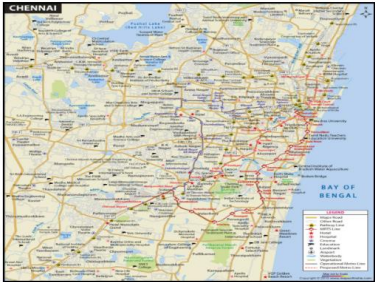
# style1.css > ...
1 body {
2   background-color: #f2f2f2;
3   font-family: Arial, sans-serif;
4 }
5
6 a {
7   color: red;
8   font-weight: bold;
9 }
10
```

OUTPUT:



Map with Hotspots, Frames and Links

Click hotspots to load live map content in frame



[Tamil Nadu Government Website](#)