

EX NO:01

HTML & CSS

### AIM:

a) To create a webpage that embeds a map with interactive hotspots, frames, and links, allowing users to interact with specific locations on the map.

b) To demonstrate the use of inline, embedded, and external CSS for styling a webpage, showcasing different methods of applying styles to HTML elements.

### CODE:

Index.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Interactive India Map with Hotspot, Frames & Links</title>
```

```
<style>
```

```
/* Global Reset and Layout Enhancements */
```

```
* {
```

```
margin: 0;
```

```
padding: 0;
```

```
box-sizing: border-box;
```

```
}
```

```
body {
```

```
font-family: 'Roboto', sans-serif;
```

```
background-color: #fafafa;
color: #333;
line-height: 1.6;

padding: 20px;
display: flex;
flex-direction: column;
align-items: center;
justify-content: center;
min-height: 100vh;
background: linear-gradient(135deg, #f06, #ffba00);
}
```

```
h1 {
color: #fff;
font-size: 36px;
margin-bottom: 30px;
text-shadow: 2px 2px 5px rgba(0, 0, 0, 0.5);
}
```

```
h2 {
color: #333;
font-size: 28px;
margin-bottom: 20px;
text-align: center;
}
```

```
/* Centered container */
```

```
#map {  
  margin-bottom: 30px;  
  max-width: 100%;  
  text-align: center;  
}
```

```
iframe {  
  
  border-radius: 12px;  
  box-shadow: 0px 8px 15px rgba(0, 0, 0, 0.1);  
  width: 100%;  
  max-width: 900px;  
  height: 500px;  
  transition: transform 0.3s ease;  
}
```

```
iframe:hover {  
  transform: scale(1.05);  
}
```

```
/* Frame Styling */  
.map-frame {  
  width: 100%;  
  height: 600px;  
  border: none;  
  border-radius: 12px;  
  box-shadow: 0 6px 18px rgba(0, 0, 0, 0.1);  
  margin: 40px auto;
```

```
transition: transform 0.3s ease;
}
```

```
.map-frame:hover {
transform: scale(1.03);
}
```

```
/* Links Section */
```

```
.link {
margin-top: 30px;
text-align: center;

}
```

```
.link a {
font-size: 18px;
color: #fff;
background-color: #4CAF50;
text-decoration: none;
padding: 12px 30px;
border-radius: 50px;
margin: 10px;
transition: all 0.3s ease;
display: inline-block;
}
```

```
.link a:hover {
background-color: #333;
```

```
color: #fff;  
transform: scale(1.1);  
}
```

```
/* Add a background color to the footer */
```

```
footer {  
background-color: #333;  
padding: 10px;  
width: 100%;  
text-align: center;  
color: #fff;  
font-size: 14px;  
margin-top: 30px;  
}
```

```
footer a {  
color: #ffba00;  
text-decoration: none;  
}
```

```
footer a:hover {  
text-decoration: underline;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

<h1>Explore India: Interactive Map, Hotspots & More!</h1>

<!-- Embed Google Map of India -->

<div id="map">

<iframe

src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d1189517.1385895102!2d68.1

1656112565544!3d20.593684114624534!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0

x395f86b7a7fa363b%3A0x6b1edc96cb1a2063!2sIndia!5e0!3m2!1sen!2sin!4v1619091770247!5m2!

1sen!2sin" width="600" height="450" style="border:0;" allowfullscreen="" loading="lazy"></iframe>

</div>

<!-- Embedded Wikipedia Frame -->

<h2>Learn More About India</h2>

<iframe src="https://www.wikipedia.org" class="map-frame"></iframe>

<!-- Links Section -->

<div class="link">

<a href="https://en.wikipedia.org/wiki/India" target="\_blank">Learn More About India</a>

<a href="https://www.india.gov.in" target="\_blank">Official India Government Website</a>

<a href="https://www.mygov.in" target="\_blank">MyGov India</a>

</div>

<!-- Footer -->

<footer>

```
<p>&copy; 2025 All Rights Reserved | <a href="https://www.india.gov.in"
target="_blank">Visit
```

```
India.gov</a></p>
```

```
</footer>
```

```
</body>
```

```
</html>
```

```
CSS
```

```
/* External CSS */
```

```
.external-style {
```

```
font-size: 18px;
```

```
color: red;
```

```
font-weight: bold;
```

```
}
```

OUTPUT:



