# EXP 1: HTML && CSS

## (a) Create a Web Page to Embed a Map with Hot Spots, Frames & Links

## AIM:

To design a webpage that incorporates a map with clickable hot spots, frames, and navigation links.

#### **ALGORITHM:**

- 1. Create an HTML page with a <frameset> layout to divide the screen.
- 2. Add a navigation frame (menu.html) and a content frame (main.html).
- 3. In menu.html, include links to navigate between different pages.
- 4. In map.html, embed an image and define hot spots using the <map> and <area> elements.
- 5. Link different areas of the image to relevant web pages.
- 6. Save and test the page in a browser.

## **SOURCE CODE:**

## Index.html

#### Main.html

# Map.html

## Menu.html

## **OUTPUT:**

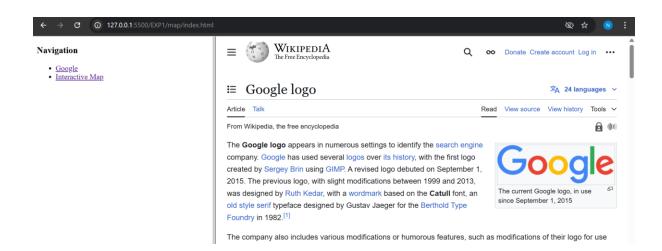


## Navigation

- Google
- Interactive Map

# **Welcome to Our Website**

Select a link from the menu.



#### Navigation

- Google Interactive Map

① 127.0.0.1:5500/EXP1/map/index.html

# Clickable Image Map



# (b) Web Page Using Embedded, External & Inline CSS

## AIM:

To create a webpage utilizing embedded, external, and inline CSS for styling.

## **ALGORITHM:**

- 1. Create an HTML file and link an external CSS file (styles.css).
- 2. Add an embedded CSS block inside the <style> tag in the <head>.
- 3. Use inline CSS directly within an element.
- 4. Apply different styles to various elements for demonstration.
- 5. Save and open the file in a browser.

## **SOURCE CODE:**

## Maincss.html

```
<!DOCTYPE html>
<html>
<head>
   <title>CSS Styling Example</title>
   <link rel="stylesheet" type="text/css" href="styles.css"> <!-- External CSS -->
   <style>
       /* Embedded CSS */
          background-color: ■lightblue;
          font-family: Arial, sans-serif;
       h1 {
          color: ☐ darkblue;
          text-align: center;
   </style>
</head>
<body>
   <h1>Welcome to CSS Styling</h1>
   This paragraph uses inline CSS. <!-- Inline CSS -->
   <div class="box">This is a styled div using external CSS.</div>
</body>
</html>
```

## **STYLES.CSS**

```
.box {
    background-color: □yellow;
    padding: 10px;
    border: 2px solid □black;
    width: 200px;
    text-align: center;
}
```

# **OUTPUT:**

