

WEB TECHNOLOGY AND MOBILE APPLICATION

ROLL NO: 231501071

SUBJECT CODE: AI23431

1) HTML & CSS

- a) Create a web page to embed a map along with hot spot, frames & links.
- b) Create a web page using an embedded, external and inline CSS file.

AIM:

To Create a web page to embed a map along with hot spot, frames & links. Create a web page using an embedded, external and inline CSS file.

SOURCE CODE:

- a) Create a web page to embed a map along with hot spot, frames & links.

```
<!DOCTYPE html>
```

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

```
<head>
```

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

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Map with Hotspots</title>
<style>
body {
font-family: Arial, sans-serif;
}
#frame-container {
display: flex;
}
#map-container {
width: 50%;
}
#details-frame {
width: 50%;
border: 1px solid #ccc;
height: 500px;
}
</style>
</head>
<body>
<h1>Interactive Map with Hotspots</h1>
```

```
<div id="frame-container">
<div id="map-container">

```

```
<map name="image-map">
<area target="details-frame" shape="rect" coords="34,44,270,350" alt="City A" href="https://www.example.com/city-a">
<area target="details-frame" shape="rect" coords="290,172,333,250" alt="City B" href="https://www.example.com/city-b">
<area target="details-frame" shape="rect" coords="400,110,500,200" alt="City C" href="https://www.example.com/city-c">
</map>
```

```
</div>
<iframe id="details-frame" name="details-frame" src="https://www.example.com" title="Details"></iframe>
</div>
```

```
</body>
</html>
```

SOURCE CODE:

b) Web Page Using Embedded, External, and Inline CSS

```
<!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 Multiple CSS</title>
```

```
<!-- External CSS Link -->
<link rel="stylesheet" href="styles.css">
```

```
<!-- Embedded CSS -->
<style>
body {
background-color: #f4f4f4;
font-family: Arial, sans-serif;
}
h1 {
color: #333;
text-align: center;
}
```

```
.button {
background-color: #008CBA;
color: white;
padding: 15px 32px;
border: none;
cursor: pointer;
}
.button:hover {
background-color: #005f73;
}
</style>
</head>
<body>
```

```
<h1>Welcome to My Web Page</h1>
```

```
<p style="color: blue;">This paragraph has inline CSS applied directly to the element.</p>
```

```
<button class="button">Click Me!</button>
```

```
<div id="content" style="padding: 20px; background-color: #ffffff; border-radius: 5px;">
<p>This is content with inline styling for padding, background color, and border radius.</p>
</div>
```

```
</body>
</html>
```

RESULT:

create an index.html file with the provided HTML and an external styles.css file, then open index.html in a browser.

OUTPUT: