

Ex No: 1-a

Date:

HTML & CSS

AIM :

Embed an interactive map with clickable hotspots, external frames, and navigation links for a dynamic user experience.

ALGORITHM :

- **Start:**

- Open an HTML document and structure it with the basic tags: `<html>`, `<head>`, and `<body>`.

- **Map Embedding:**

- Use an `iframe` to embed a Google Map.
- Get the embed URL of the desired map location (e.g., Google Maps URL) and insert it in the `src` attribute of the `iframe`.

- **Hotspot Creation:**

- Use the `<map>` tag to define areas within the map that can be clicked (hotspots).
- Each hotspot should be defined using the `<area>` tag and should link to a relevant page, e.g., a new map location.

- **Frames for External Content:**

- Use `<iframe>` to embed external content (e.g., Wikipedia or any other site).

- **Adding Links:**

- Create hyperlinks (`<a>`) that allow users to navigate to external websites or internal sections of the page.

- **Styling:**

- Use internal CSS (within the `<style>` tag) to style the map container, hotspots, and frames to ensure they look clean and professional.

- **End:**

- Close the HTML tags properly, ensuring a well-structured, responsive, and interactive webpage.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>This is the First Experiment</title>
</head>
<body>

<h1>This Experiment Features the use of embedding a map </h1>
<p>with hotspot frames and links</p>



<map name="workmap">
  <area shape="rect" coords="34,44,270,350" alt="Computer"
href="computer.htm">
  <area shape="rect" coords="290,172,333,250" alt="Phone" href="phone.htm">
  <area shape="circle" coords="337,300,44" alt="Cup of coffee"
href="coffee.htm">
</map>

<a href="https://harishm.site">Link to my Website</a>

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

OUTPUT :

Computer

This Experiment Features the use of embedding a map

with hotspot frames and links



[Link to my Website](#) -

Coffee

Phone

RESULT :

Thus the experiment to embed an interactive map with clickable hotspots, external frames, and navigation links has been successfully implemented. The resulting web page provides a dynamic and interactive user experience.