Exno: 1 b)	Web Page Creation using image map
Date:	

Aim:

To develop a web page using image map in HTML where different regions of an image link to individual LinkedIn profiles when clicked.

Procedure:

1. Start with the basic HTML structure by defining the <html>, <head>, and <body> sections.
2. Add a title for the webpage inside the <title> tag in the <head> section.
3. In the <body> section, include a heading using the <h1> tag to describe the purpose of the page.
4. Insert an image using the <img> tag and associate it with an image map using the usemap attribute.
5. Define the <map> element with a name attribute to correspond to the value in the usemap attribute of the image.
6. Within the <map>, use multiple <area> tags to define clickable regions:
7. Specify the shape of each area (e.g., rect, circle, or poly).
8. Define the coordinates (coords) for the region to match its location on the image.
9. Add a href attribute to specify the LinkedIn profile link and use target="_blank" to open links in a new tab.
10. Optionally, use alt and title attributes to provide descriptive text.
11. Close all tags properly and save the file with an .html extension.
12. Open the HTML file in a browser to verify functionality and adjust the coordinates as needed.

HTML Tags:

Tags used	Description
<html>	Defines the root of the HTML document.
<head>	Contains metadata about the document
<body>	Contains the main content of the HTML document.
<h1>	Defines the main heading.
<img>	Defines an image in an HTML page. • **src**: Specifies the image source. • **usemap**: Links the image to a <map> element.
<map>	Defines an image map for associating clickable regions. • **name**: Assigns a name to the map for reference in the usemap attribute of the <img> tag.

<area>	Defines a clickable area within the image map. • **target**: Specifies where to open the linked document (_blank for a new tab). • **alt**: Provides alternative text for accessibility. • **title**: Displays additional information as a tooltip. • **href**: Defines the hyperlink destination. • **coords**: Specifies the coordinates for the area shape. • **shape**: Defines the shape of the clickable area (rect, circle, or poly).
<title>	Specifies the title of the document displayed in the browser tab.

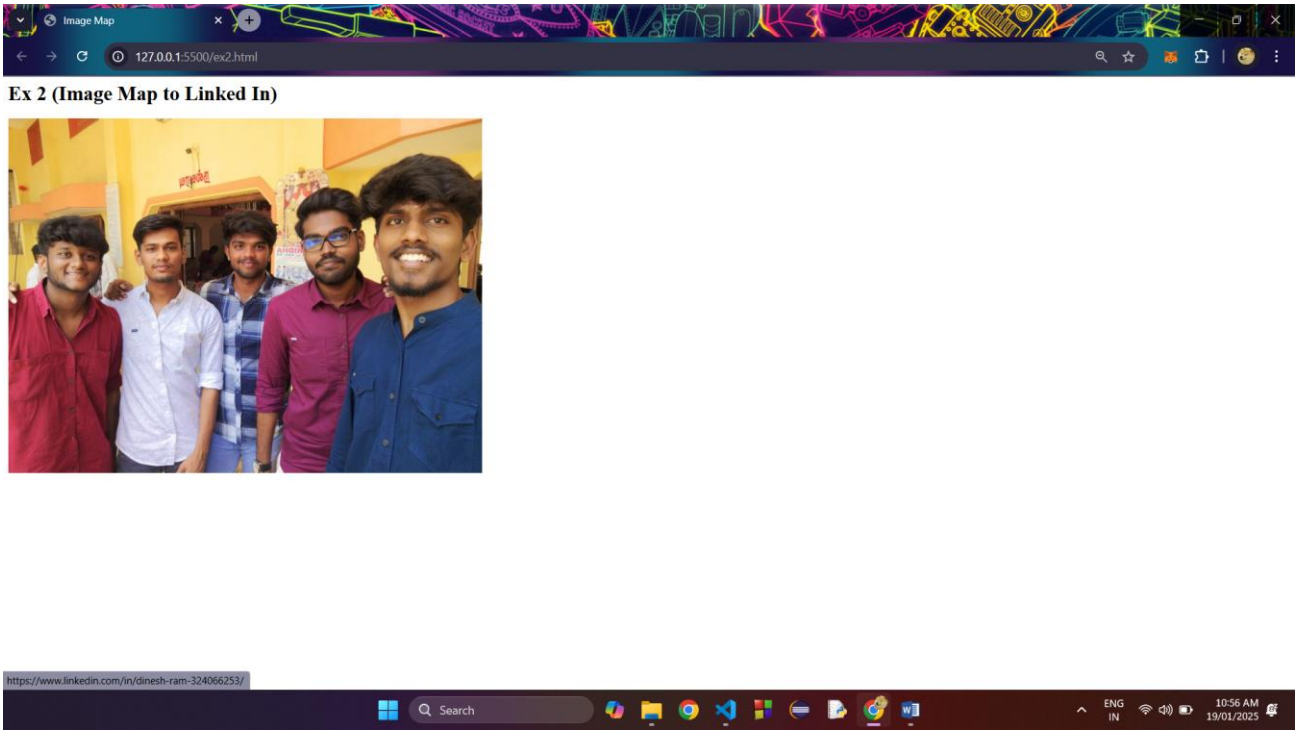
Code:

imgmap.html:

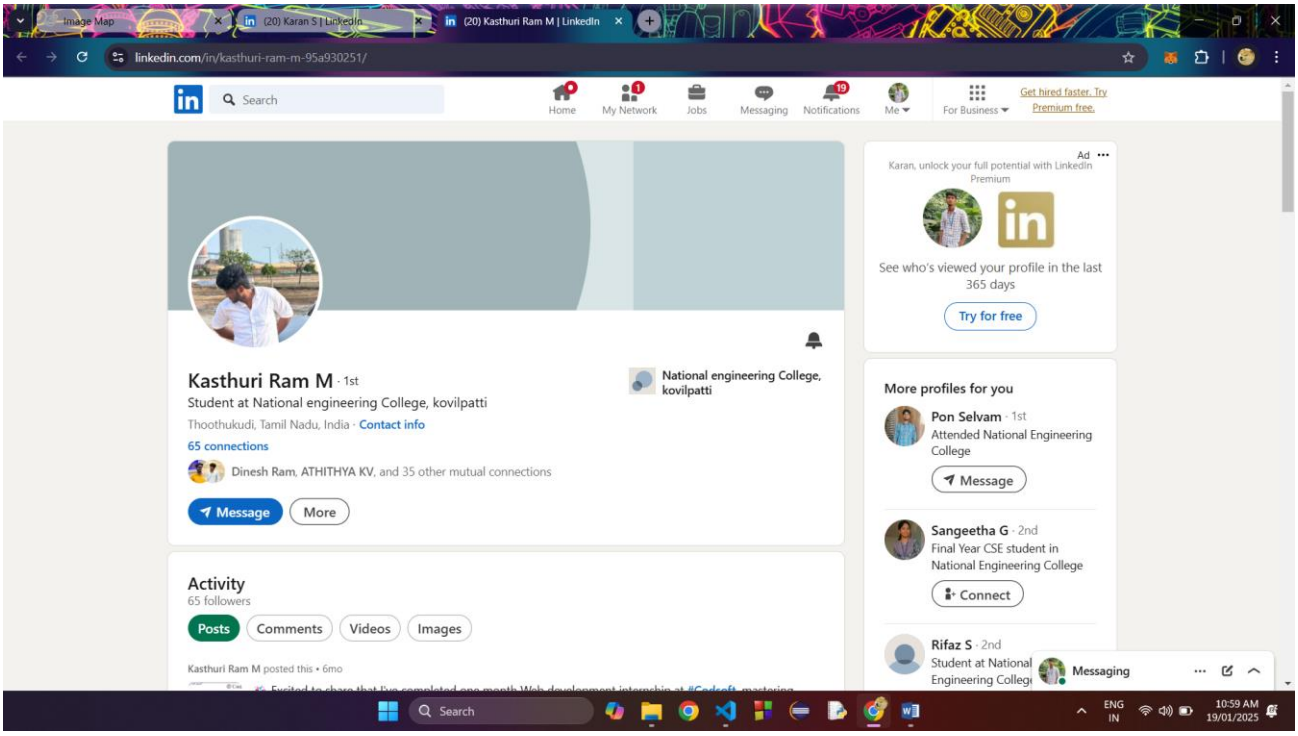
```
<html>
<head>
   <title>Image Map</title>
</head>
<body>
   <h1>Ex 2 (Image Map to Linked In)</h1>
<img src=ex2img.jpg  usemap="#image-map">
<map name="image-map">

   <!-- kasthuriram -->
   <area target="_blank" alt="kasthuriram" title="" href="https://www.linkedin.com/in/kasthuri-ram-m-95a930251/" coords="-1,289,148,562" shape="rect">
   <area target="_blank" alt="kasthuriram" title="" href="https://www.linkedin.com/in/kasthuri-ram-m-95a930251/" coords="85,561,175,307" shape="rect">
   <area target="_blank" alt="kasthuriram" title="" href="https://www.linkedin.com/in/kasthuri-ram-m-95a930251/"
coords="0,277,0,287,173,308,125,276,73,264,62,253,43,267,18,271,11,274,4,277" shape="poly">
   <area target="_blank" alt="kasthuriram" title="" href="https://www.linkedin.com/in/kasthuri-ram-m-95a930251/" coords="99,227,52" shape="circle">
   <area target="_blank" alt="kasthuriram" title="" href="https://www.linkedin.com/in/kasthuri-ram-m-95a930251/" coords="47,204,48,168,100,155,139,163,153,191,161,209,144,225"
shape="poly">

   <!-- karan -->
   <area target="_blank" alt="karan" title="" href="https://www.linkedin.com/in/karan0902/"
coords="178,284,309,561" shape="rect">
   <area target="_blank" alt="karan" title="" href="https://www.linkedin.com/in/karan0902/"
coords="151,291,176,304,307,562,337,437,341,356,335,305,269,255,223,256,201,268"
shape="poly">
```

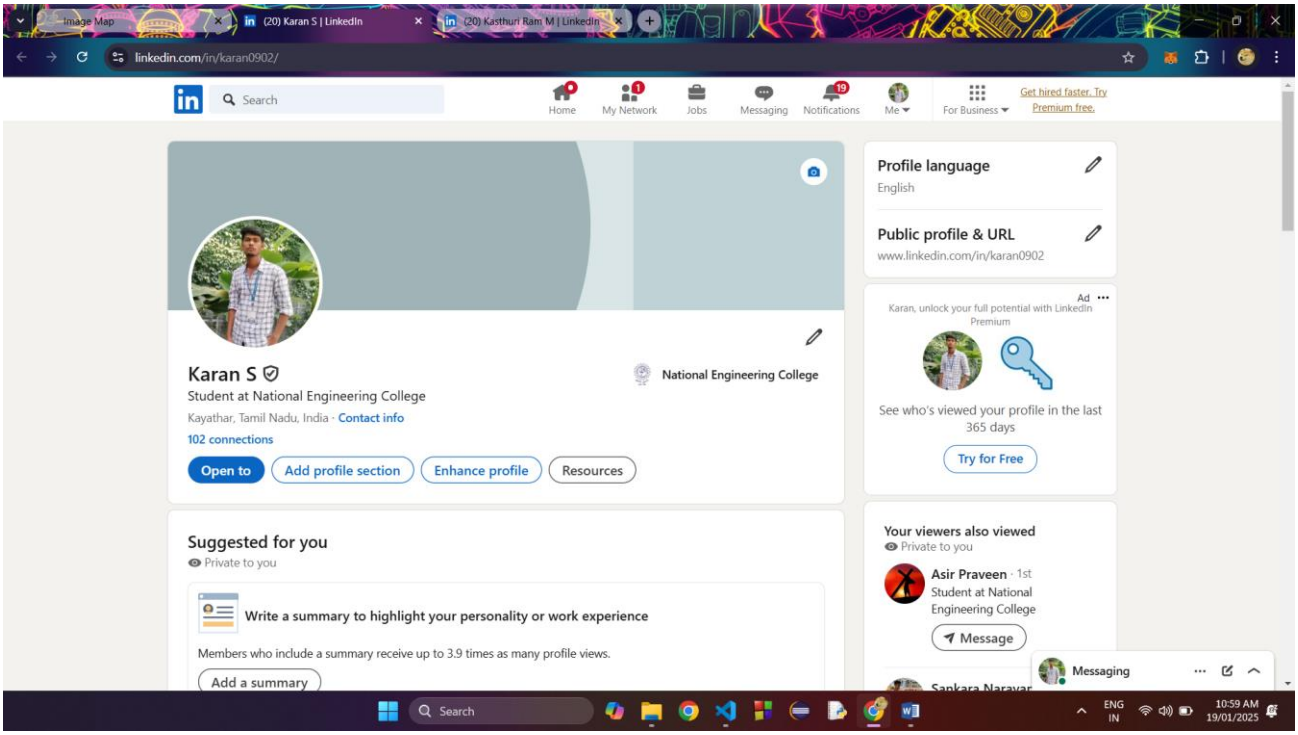
```
    <area target="_blank" alt="karan" title="" href="https://www.linkedin.com/in/karan0902/"
coords="204,163,240,149,277,163,279,207,281,229,265,258,223,256,198,213,206,208,197,185"
shape="poly">

    <!-- Athithya -->
    <area target="_blank" alt="Athithya" title="" href="https://www.linkedin.com/in/athithya-kv-
a242bb252/"
coords="580,159,563,159,561,108,605,73,651,52,705,70,750,111,750,153,740,196,731,226,716,22
6,713,266,740,276,750,301,750,561,506,562,554,335,574,316,615,299,584,223,581,189,584,174"
shape="poly">

    <!-- Asir -->
    <area target="_blank" alt="Asir Praveen" title="" href="https://www.linkedin.com/in/asir-
praveen-620041252/"
coords="312,562,342,431,344,353,337,300,298,275,314,259,355,244,394,246,459,264,413,288,392
,412,393,466,385,562,358,562,340,562" shape="poly">
    <area target="_blank" alt="Asir Praveen" title="" href="https://www.linkedin.com/in/asir-
praveen-620041252/"
coords="345,218,338,179,343,152,379,147,411,153,427,169,422,203,409,246,457,264,358,243"
shape="poly">

    <!-- Dinesh -->
    <area target="_blank" alt="Dinesh Ram" title="" href="https://www.linkedin.com/in/dinesh-ram-
324066253/"
coords="613,298,567,317,552,334,500,562,394,562,396,409,415,289,483,256,464,206,454,169,464
,132,503,107,552,119,560,160,557,178,565,186,566,210,556,217,557,251,593,261" shape="poly">

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

Output:



On clicking every person:

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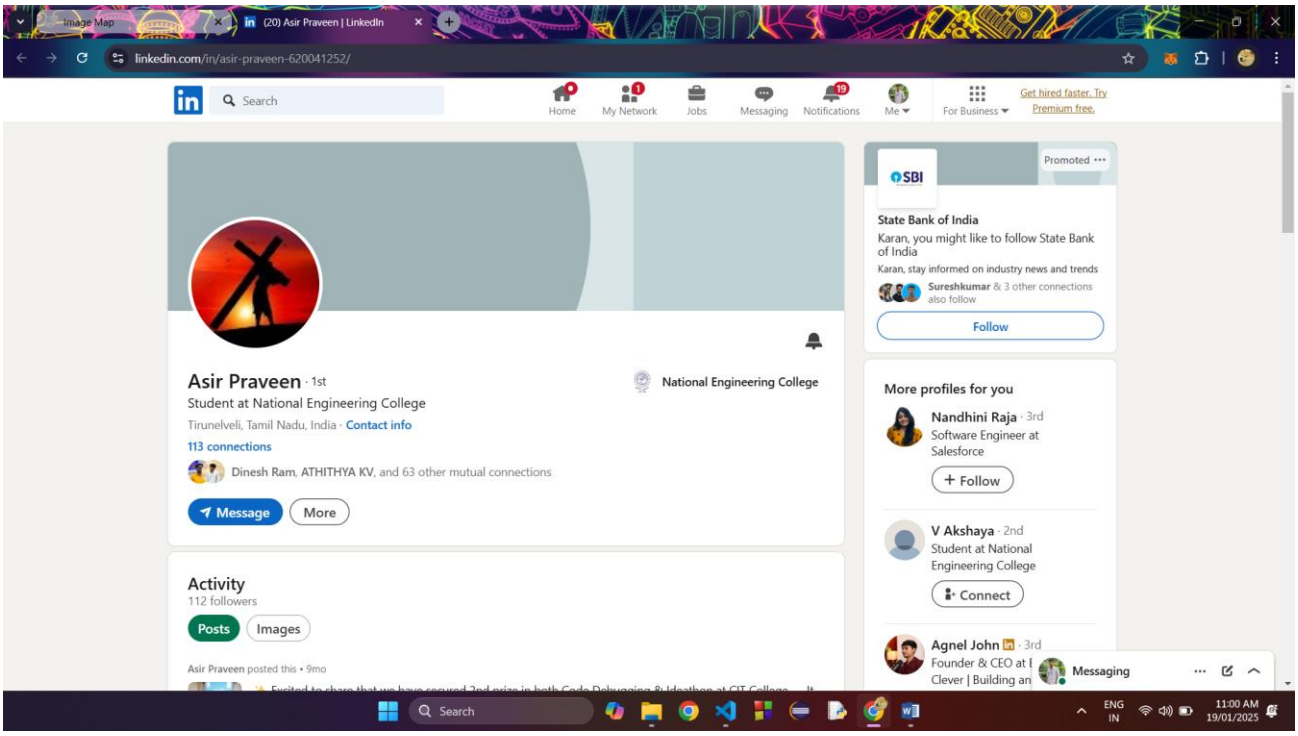
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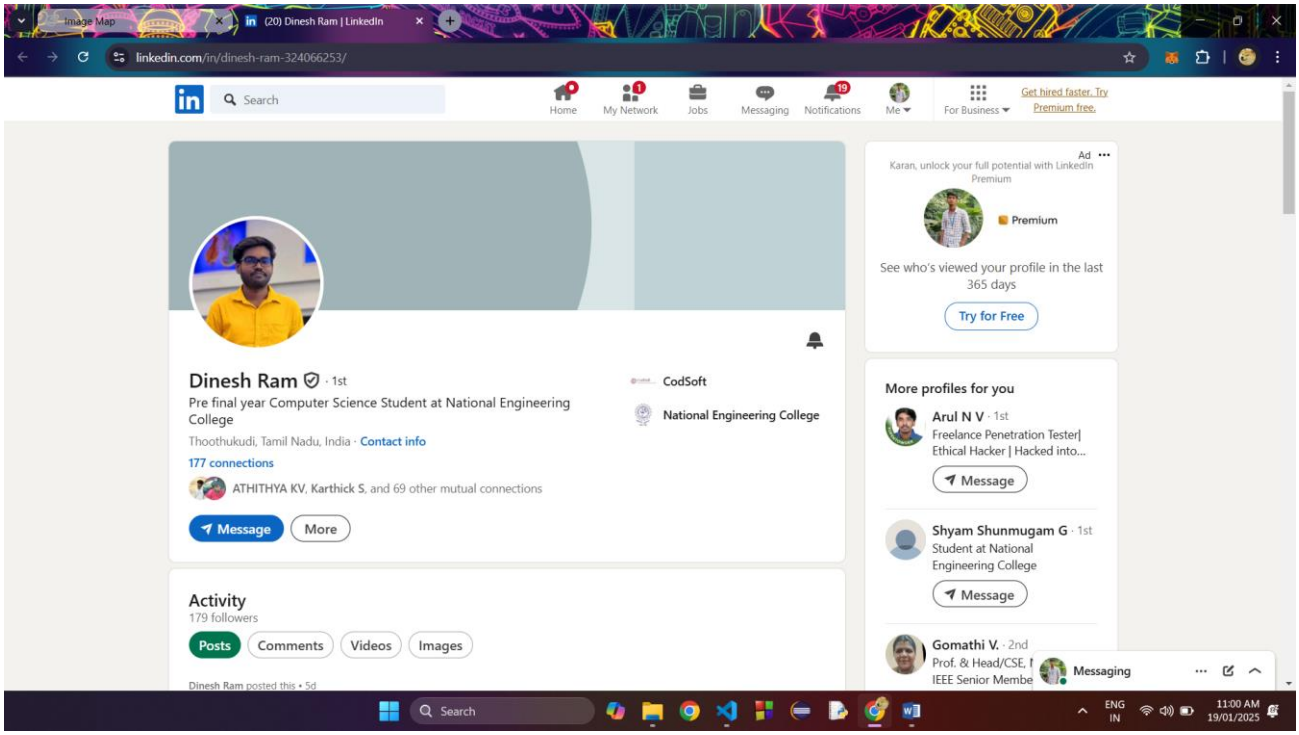
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Gomathi V. · 2nd
Prof. & Head/CSE,
IEEE Senior Membe
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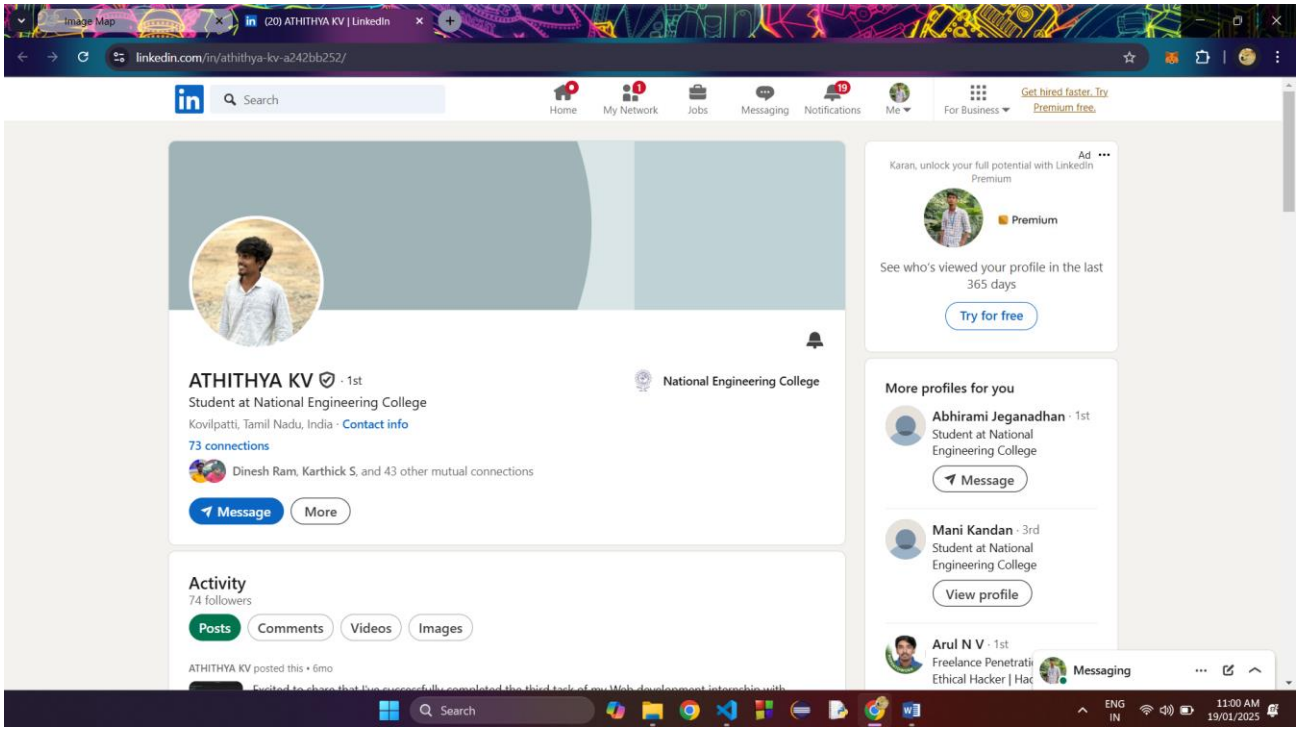
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Problem Understanding (5)	Implementation & Output (5)	Time Management (5)	Viva (5)	Total (20)

Result:

Thus the webpage using image map was created and the output was verified.