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19BCE245
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Practical 3

- a. Demonstrate an image map in HTML.

```
1.  <!DOCTYPE html>
2.  <!--Demonstrate an image map in HTML.-->
3.  <html>
4.      <head>
5.          <meta charset="UTF-8">
6.          <title>practical 3a</title>
7.      </head>
8.      <body>
9.          <h1 align="center">Click on the logo to learn tha
t language</h1>
10.
11.         <br>
12.         <br>
13.
14.         
15.
16.         <map name="logos">
17.             <area target="_blank" alt="HTML tutorial" tit
le="HTML tutorial" href="https://www.w3schools.com/
html/" coords="9,238,689,1151" shape="rect">
18.             <area target="_blank" alt="JavaScript tutoria
l" title="JavaScript tutorial" href="https://
www.w3schools.com/js/
DEFAULT.asp" coords="740,8,755,836,1084,965,1375,807,1398
,6" shape="poly">
19.             <area target="_blank" alt="CSS tutorial" tit
le="CSS tutorial" href="https://www.w3schools.com/
css/" coords="1754,778,336" shape="circle">
20.         </map>
21.     </body>
22. </html>
```

Attached image - WDsample.jpeg



Output - 1



Output - 2

Click on the logo to learn that language

The image displays three large, stylized logos for web technologies. On the left is the 'HTML' logo, featuring the letters 'H' and 'T' in black on top of a red hexagon containing a white 'M'. In the center is the 'JavaScript' logo, with 'JS' in black above a yellow hexagon containing a white 'S'. On the right is the 'CSS' logo, with 'CSS' in black above a blue hexagon containing a white 'S'. All logos have a three-dimensional, blocky appearance.

<https://www.w3schools.com/js/default.asp>

Output - 3

Click on the logo to learn that language

The image displays three large, stylized logos for web technologies. On the left is the 'HTML' logo, featuring the letters 'H' and 'T' in black on top of a red hexagon containing a white 'M'. In the center is the 'JavaScript' logo, with 'JS' in black above a yellow hexagon containing a white 'S'. On the right is the 'CSS' logo, with 'CSS' in black above a blue hexagon containing a white 'S'. All logos have a three-dimensional, blocky appearance.



The link showed in the bottom left corner will be opened after clicking on that particular logo.

- b. Create a webpage for on-line student registration form using HTML

3b.html

```
1. <!DOCTYPE html>
2. <!--Create a webpage for on-line student registration form
   using HTML-->
3. <html>
4.   <head>
5.     <meta charset="UTF-8">
6.     <title>Student Registration Form</title>
7.   </head>
8.   <body bgcolor="Lightskyblue">
9.     <h1 align="center"><font color="#123456">STUDENT
   REGISTRATION FORM</font></h1>
10.    <br>
```

```

11.      <br>
12.      <form id="registrationForm" action=".onSubmit.html"
   method="post">
13.<!-- Defining method as post will not change the url as
   per form data but get method will do. -->
14.
15.          <label > First name : &nbsp;&nbsp;&nbsp;</
   label>
16.          <input type="text" name="firstname" size="15"
   value="Aayush" maxlength="20"/> <br> <br>
17.          <label> Middle name : </label>
18.          <input type="text" name="middlename" size="15"/
   > <br> <br>
19.          <label> Last name : &nbsp;&nbsp;&nbsp;&nbsp;</
   label>
20.          <input type="text" name="lastname" size="15"/>
   <br> <br>
21.          <label> Date of Birth :
   &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</label>
22.          <input type="date" name="lastname" size="15"/>
   <br> <br>
23.
24.          <label>
25.              Course :
   &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
26.          </label>
27.          <select>
28.<!--           <select multiple>-->
29.<!--           include multiple for selecting multiple
   options -->
30.          <option selected disabled>Select course</
   option>
31.          <option value="Course">Course</option>
32.          <option value="BCA">BCA</option>
33.          <option value="BBA">BBA</option>
34.          <option value="B.Tech">B.Tech</option>
35.          <option value="MBA">MBA</option>
36.          <option value="MCA">MCA</option>
37.          <option value="M.Tech">M.Tech</option>
38.          </select>
39.
40.          <br>
41.

```

```
42.          <br>
43.          <label>
44.              Gender :
45.          </label>
46.          <input type="radio" name="gender"
   value="gender-male"/> Male
47.          <input type="radio" name="gender"
   value="gender-female"/> Female
48.          <br>
49.
50.          <br>
51.          <label>
52.              Hobby :
53.          </label>
54.          <input type="checkbox" name="Hobby" value="H1"
   checked>Readinig
55.          <input type="checkbox" name="Hobby" value="H2"
   >Dancing
56.          <input type="checkbox" name="Hobby" value="H3"
   >Singing
57.          <br>
58.          <br>
59.
60.          <label>
61.              Phone : +
62.          </label>
63.          <input type="text" name="country code"
   value="91" size="2"/>
64.          <input type="text" name="phone" size="10"
   maxlength="10"/> <br> <br>
65.          Address :
66.          <br>
67.          <textarea cols="40" rows="5" value="address">
68.          </textarea>
69.          <br> <br>
70.          Email:
71.          <input type="email" id="email" name="email"/>
   <br>
72.          <br>
73.          Password:
74.          <input type="Password" id="pass" name="pass">
   <br>
75.          <br>
```

```
76.          Re-type password:  
77.          <input type="Password" id="repass"  
    name="repass"> <br> <br>  
78.          <input type="Submit" value="Submit"  
    form="registrationForm"/>  
79.          <input type="Reset" value="Reset"  
    form="registrationForm">  
80.      </form>  
81.  </body>  
82.</html>
```

Snapshot

The screenshot shows a "STUDENT REGISTRATION FORM" with a blue header and white body. The form contains the following fields:

- First name :
- Middle name :
- Last name :
- Date of Birth :
- Course :
- Gender : Male Female
- Hobby : Readinig Dancing Singing
- Phone : +
- Address :
- Email:
- Password:
- Re-type password:
-

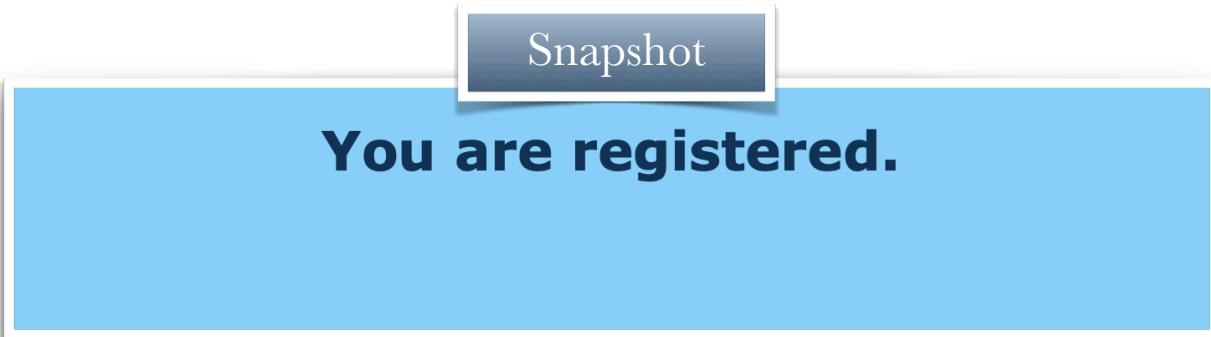
onSubmit.html

```

1. <!DOCTYPE html>
2. <html>
3.   <head>
4.     <meta charset="UTF-8">
5.     <title></title>
6.   </head>
7.   <body bgcolor="Lightskyblue">
8.     <font color="#123456" face="verdana">
9.       <h1 align="center">You are registered.</h1>
10.      </font>
11.    </body>
12.</html>

```

*Clicking on submit button in the main 3b.html page, will redirect to onSubmit.html page which will simply show that **you are Registered** .*



Conclusion

Here we have learned about image tag along with its mapping tag i.e. <map> tag. We have also learned tags which are helpful when form filling i.e. <form> tag

- In map tag we came to know that there are many other factors like shape of mapping, opening the next page in same tab or new tab etc. We can give co-ordinates to the image by its Cartesian co-ordinates and specify its shape by writing “rect”, “circle” and “poly”. We can also show some alter text in cases when some error occurred.
- Form tag has many other tags enclosed inside it, like <label> - which is used to give label to field, <input> - used to specify type of input like numeric/plain-text etc. we can also specify max length and max size of specific field. We have also learned about radio and select tags which are helpful for some fields like hobby / gender /course etc.