

# Web Technologies Lab

## Assignment 1

Submitted by:

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Group: 3

Branch: Information Technology

Year: 2nd Year

## Ques 1 : Create a simple WebPage to demonstrate the use of Image Tag with particular Coordinates

### Code

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale
      =1.0">
6     <title>3 Idiots - Clickable Faces</title>
7 </head>
8 <body>
9     <div style="max-width:900px;margin:24px auto;padding:8px;text-align
      :center;font-family:Arial, Helvetica, sans-serif;">
10     <h2 style="margin:8px 0 16px;">3 Idiots - Click a character to
      open Wikipedia</h2>
11     
12     <map name="idiotsmap">
13         <!-- R. Madhavan (left) -->
14         <area shape="circle" coords="225,360,85" href="https://en.
      wikipedia.org/wiki/R._Madhavan" alt="R. Madhavan" title="
      R. Madhavan" target="_blank">
15         <!-- Aamir Khan (center) -->
16         <area shape="circle" coords="450,330,90" href="https://en.
      wikipedia.org/wiki/Aamir_Khan" alt="Aamir Khan" title="
      Aamir Khan" target="_blank">
17         <!-- Sharman Joshi (right) -->
18         <area shape="circle" coords="675,360,85" href="https://en.
      wikipedia.org/wiki/Sharman_Joshi" alt="Sharman Joshi"
      title="Sharman Joshi" target="_blank">
19     </map>
20 </div>
21 </body>
22 </html>
```

## Sample Output

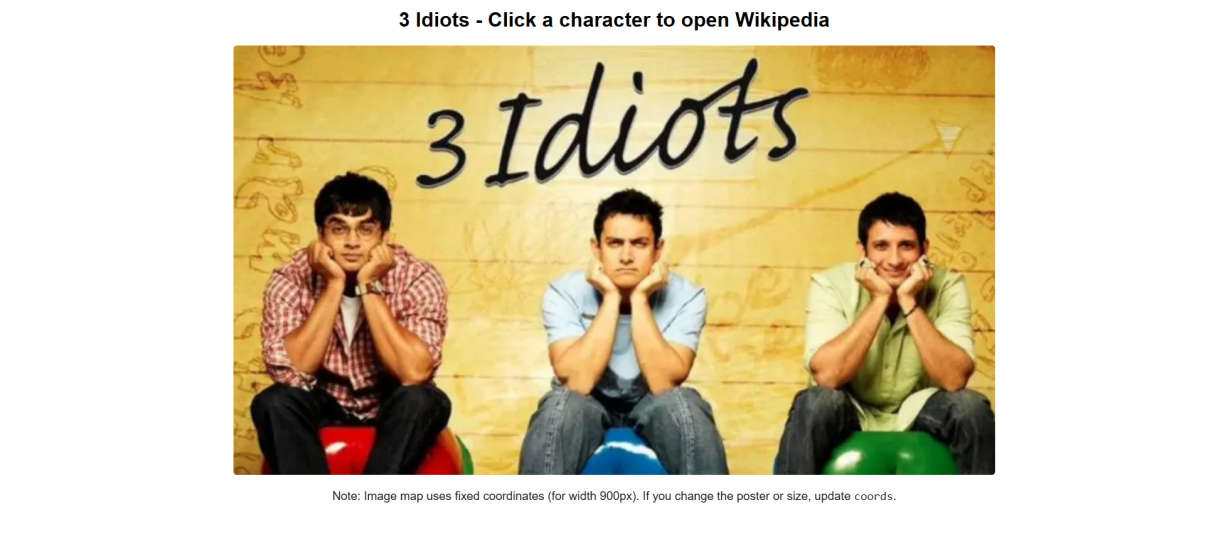


Figure 1: \*

## Output Screen



Figure 2: \*

On Clicking Image of R. Madhvan On Left Side



Figure 3: \*  
On Clicking Image of Sharman Joshi On Right Side



Figure 4: \*  
On Clicking Image of Amir Khan On Center

## Ques 2 : Create a Static WebPage of National Institute of Technology Jalandhar

### Code

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
```

```
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale
  =1.0">
6 <title>NITJ - Simple Static Page</title>
7 <link rel="preconnect" href="https://fonts.googleapis.com">
8 <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin
  >
9 <link href="https://fonts.googleapis.com/css2?family=Poppins:
  wght@300;400;600&display=swap" rel="stylesheet">
10 <style>
11   body { margin:0; font-family:Poppins, Arial, Helvetica, sans-
     serif; color:#222; line-height:1.5; }
12   .topbar { background:#0a3d62; color:#fff; padding:8px 16px;
     font-size:12px; }
13   .float-right { float:right; }
14   header { display:flex; align-items:center; justify-content:
     space-between; padding:12px 16px; border-bottom:1px solid #
     eee; }
15   .row { display:flex; align-items:center; gap:12px; }
16   .brand-box { width:40px; height:40px; background:#0a3d62;
     border-radius:4px; }
17   nav { display:flex; gap:16px; font-size:14px; }
18   .navlink { color:#0a3d62; text-decoration:none; }
19   .section { padding:20px 16px; }
20   .container { max-width:1000px; margin:0 auto; }
21   .hero { padding:32px 16px; background:#f6f9fc; }
22   .grid { display:grid; grid-template-columns:repeat(3, minmax
     (0,1fr)); gap:12px; }
23   .card { display:block; padding:14px; border:1px solid #eee;
     border-radius:6px; text-decoration:none; color:#0a3d62;
     background:#fff; }
24   h1 { margin:0 0 8px; font-size:28px; font-weight:600; color:#0
     a3d62; }
25   h2 { margin:0 0 12px; font-size:18px; color:#0a3d62; }
26   .muted {
27     color:#666; font-size:12px;
28   }
29   .btn { display:inline-block; background:#0a3d62; color:#fff;
     padding:10px 14px; border-radius:4px; font-size:14px; text-
     decoration:none; }
30   .btn-link { display:inline-block; color:#0a3d62; padding:10px
     12px; font-size:14px; text-decoration:none; }
31   .panel { flex:1 1 320px; min-height:160px; background:#dfe9f3;
     border:1px solid #c8d6e5; border-radius:8px; }
32   .list { list-style:none; padding:0; margin:0; }
33   .list li { padding:10px 12px; border:1px solid #eee; border-
     radius:6px; margin-bottom:8px; background:#fff; }
34   footer {
35     background:#0a3d62;
36     color:#fff;
37     padding:16px;
38     font-size:13px;
39   }
40   .footer-row { max-width:1000px; margin:0 auto; display:flex;
     gap:16px; flex-wrap:wrap; align-items:flex-start; }
41   .footer a { color:#fff; text-decoration:none; }
42   .text-right { text-align:right; }
43   .flex-wrap { display:flex; align-items:center; gap:24px; flex-
```

```
        wrap:wrap; }
44    .grow {
45        flex:1 1 420px;
46    }
47    </style>
48 </head>
49 <body>
50     <div>
51         <!-- Top bar -->
52         <div class="topbar">
53             <span>Dr. B. R. Ambedkar National Institute of Technology
                    Jalandhar</span>
54             <span class="float-right">Admissions | Tenders | Alumni</
                    span>
55         </div>
56
57         <!-- Header -->
58         <header>
59             <div class="row">
60                 <div class="brand-box"></div>
61                 <div>
62                     <div style="font-weight:600; font-size:18px;">NIT
                            Jalandhar</div>
63                     <div class="muted">Institute of National Importance
                            </div>
64                 </div>
65             </div>
66             <nav>
67                 <a href="#" class="navlink">Home</a>
68                 <a href="#" class="navlink">Academics</a>
69                 <a href="#" class="navlink">Departments</a>
70                 <a href="#" class="navlink">Research</a>
71                 <a href="#" class="navlink">Campus Life</a>
72                 <a href="#" class="navlink">Contact</a>
73             </nav>
74         </header>
75
76         <!-- Hero -->
77         <section class="hero">
78             <div class="container flex-wrap">
79                 <div class="grow">
80                     <h1>Welcome to NIT Jalandhar</h1>
81                     <p style="margin:0 0 16px; font-size:14px; color
                            :#444;">Advancing knowledge, fostering
                            innovation, and shaping future leaders through
                            excellence in teaching and research.</p>
82                     <div>
83                         <a href="#" class="btn">Apply Now</a>
84                         <a href="#" class="btn-link">Explore Programs</
                            a>
85                     </div>
86                 </div>
87                 <div class="panel"></div>
88             </div>
89         </section>
90
91         <!-- Quick Links -->
92         <section class="section">
```

```

93     <div class="container grid">
94         <a href="#" class="card">Notices & Circulars</a>
95         <a href="#" class="card">Academic Calendar</a>
96         <a href="#" class="card">Placements</a>
97         <a href="#" class="card">Hostels</a>
98         <a href="#" class="card">Admissions (UG/PG)</a>
99         <a href="#" class="card">Tenders</a>
100     </div>
101 </section>
102
103 <!-- Announcements -->
104 <section class="section" style="padding-top:8px; padding-bottom
105 :24px;">
106     <div class="container">
107         <h2>Announcements</h2>
108         <ul class="list">
109             <li>Summer internship applications open for 2025
110                 batch.</li>
111             <li>International conference on AI and Data Science
112                 Call for papers.</li>
113             <li>Odd semester classes commence from 22 July.</li>
114         </ul>
115     </div>
116 </section>
117
118 <!-- Footer -->
119 <footer>
120     <div class="footer-row">
121         <div style="flex:1 1 260px;">
122             <div style="font-weight:600; margin-bottom:6px;">
123                 NIT Jalandhar</div>
124             <div>GT Road, Amritsar Bypass,</div>
125             <div>Jalandhar, Punjab 144011</div>
126         </div>
127         <div style="flex:1 1 200px;">
128             <div><a href="#">Contact</a></div>
129             <div><a href="#">RTI</a></div>
130             <div><a href="#">Accessibility</a></div>
131         </div>
132         <div style="flex:1 1 200px;" class="text-right">
133             <span> 2025 NITJ</span>
134         </div>
135     </div>
136 </footer>
137 </div>
138 </body>

```

## Sample Output

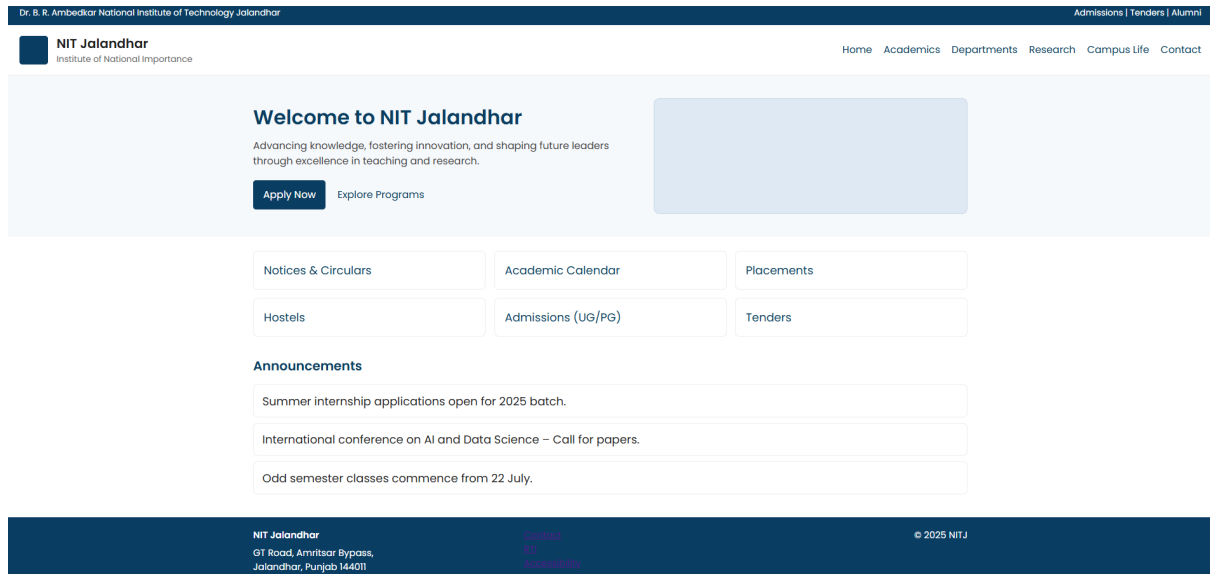


Figure 5: \*

Output Screen

## Ques 3 : Create a Resume

### Code

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Minimal CV - Navdeep Singh</title>
6   <style>
7     body {
8       font-family: "Inter", Arial, sans-serif;
9       background: #f9f9f9;
10      color: #222;
11      margin: 0;
12      padding: 0;
13    }
14    .cv-container {
15      max-width: 800px;
16      margin: 40px auto;
17      background: #fff;
18      padding: 30px;
19      border-radius: 12px;
20      box-shadow: 0 4px 12px rgba(0,0,0,0.1);
21    }
22    h1, h2, h3, h4 {
23      margin: 0 0 10px;
24      font-weight: 600;
25    }
26    h1 {
```



```
27         font-size: 28px;
28         color: #111;
29     }
30     h2 {
31         font-size: 18px;
32         color: #666;
33         margin-bottom: 20px;
34     }
35     .section {
36         margin-bottom: 25px;
37     }
38     ul, ol {
39         padding-left: 20px;
40         margin: 8px 0;
41     }
42     li {
43         margin: 4px 0;
44     }
45     .about {
46         line-height: 1.6;
47         color: #444;
48     }
49     button {
50         background: #111;
51         color: #fff;
52         border: none;
53         padding: 10px 18px;
54         border-radius: 6px;
55         cursor: pointer;
56         font-size: 14px;
57     }
58     button:hover {
59         background: #333;
60     }
61 </style>
62 </head>
63 <body>
64     <div class="cv-container">
65         <h1>Navdeep Singh</h1>
66         <h2>B.Tech 2nd Year Student</h2>
67
68         <div class="section about">
69             I am a developer and student based in India. I have a deep
              passion for programming, and I find joy in learning history
              and literature.
70             I love clean, minimal interfaces and thoughtful digital
              experiences.
71         </div>
72
73         <div class="section">
74             <h3>Education</h3>
75             <ul>
76                 <li>DR BR Ambedkar National Institute of Technology</li>
77                 <li>BMS Abohar</li>
78                 <li>DAV School Haripura, Punjab</li>
79             </ul>
80         </div>
81     </div>
```

```
82     <div class="section">
83     <h3>Technologies Worked With</h3>
84     <ol>
85         <li>Next.js</li>
86         <li>React.js</li>
87         <li>JavaScript</li>
88     </ol>
89 </div>
90
91 <div class="section">
92     <h3>Qualifications</h3>
93     <table border="1">
94         <tr>
95             <th>Qualification</th>
96             <th>Year</th>
97             <th>Grade</th>
98         </tr>
99         <tr>
100            <td>Primary Education</td>
101            <td>2016</td>
102            <td>Grade A</td>
103        </tr>
104        <tr>
105            <td>Secondary Education</td>
106            <td>2024</td>
107            <td>94% Percent</td>
108        </tr>
109        <tr>
110            <td>Bachelors</td>
111            <td>2024 - Present</td>
112            <td>CGPA 8.4</td>
113        </tr>
114    </table>
115 </div>
116
117     <button onclick="window.print()">Print CV</button>
118 </div>
119 </body>
120 </html>
```

Sample Output

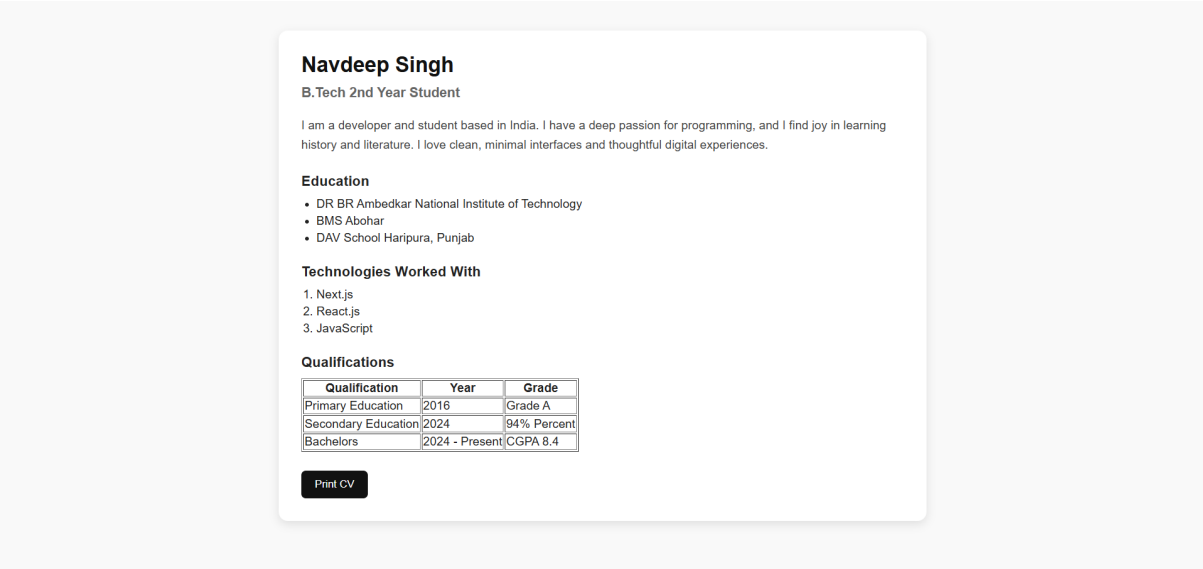


Figure 6: \*

Output Screen