

Web Technology

Lab2

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Q.1

```
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>About Me</title>
7 </head>
8 <body>
9 <header>
10 <h1>About Me: Krishanu Mishra</h1>
11 </header>
12
13 <main>
14 <section>
15 <h2>Background</h2>
16 <p>I am currently pursuing a Bachelor's degree in Information Technology from Rajiv Gandhi Institute of Petroleum Technology.
17 </section>
18
19 <section>
20 <h2>Interests</h2>
21 <p>I have a keen interest in web development, artificial intelligence, and data science.
22 </section>
23
24 <section>
25 <h2>Goals</h2>
26 <p>My goal is to utilize my skills and knowledge to make a positive impact in the field of technology and contribute to innovative solutions.
27 </section>
28 </main>
29 </body>
30 </html>
31
```

About Me: Krishanu Mishra

Background

I am currently pursuing a Bachelor's degree in Information Technology from Rajiv Gandhi Institute of Petroleum Technology.

Interests

I have a keen interest in web development, artificial intelligence, and data science.

Goals

My goal is to utilize my skills and knowledge to make a positive impact in the field of technology and contribute to innovative solutions.

Q.2

```
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>Image Description</title>
7 <style>
8 /* CSS for image sizing */
9 {
10 max-width: 100%;
11 height: auto;
12 display: block;
13 margin: 0 auto;
14 }
15 </style>
16 </head>
17 <body>
18 <header>
19 <h1>MS Dhoni</h1>
20 </header>
21
22 <main>
23 
24 <p>This is a photo of MS Dhoni</p>
25 </main>
26 </body>
27 </html>
28
```

MS Dhoni



This is a photo of MS Dhoni

Q.3

```
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-sc
6   <title>Ordered List with Roman Numerals</title>
7 </head>
8 <body>
9   <ol type="I">
10    <li>
11      Japan
12      <ol type="i">
13        <li>English</li>
14        <li>Japanese</li>
15      </ol>
16    </li>
17    <li>
18      India
19      <ol type="i">
20        <li>Hindi</li>
21        <li>English</li>
22      </ol>
23    </li>
24    <li>
25      Switzerland
26      <ol type="i">
27        <li>German</li>
28        <li>French</li>
29      </ol>
30    </li>
31  </ol>
```

- I. Japan
 - i. English
 - ii. Japanese
- II. India
 - i. Hindi
 - ii. English
- III. Switzerland
 - i. German
 - ii. French

Q.4

```
9   width: 100%;
10  border-collapse: collapse;
11 }
12 th, td {
13   border: 1px solid black;
14   padding: 8px;
15   text-align: left;
16 }
17 </style>
18 </head>
19 <body>
20
21 <table>
22 <thead>
23 <tr>
24 <th>Country</th>
25 <th>Capital</th>
26 </tr>
27 </thead>
28 <tbody>
29 <tr>
30 <td>
31   <ul>
32     <li>Australia</li>
33     <li>United Kingdom</li>
34     <li>India</li>
35     <li>Japan</li>
36     <li>Brazil</li>
37   </ul>
```

Country	Capital
<ul style="list-style-type: none">AustraliaUnited KingdomIndiaJapanBrazil	<ol style="list-style-type: none">CanberraLondonNew DelhiTokyoBrasilia

Q.5

```
20
21 <h1>Country Politicians</h1>
22
23 <table>
24   <thead>
25     <tr>
26       <th colspan="2">Country Politicians</th>
27     </tr>
28   </thead>
29   <tbody>
30     <tr>
31       <td>Turkmenistan</td>
32       <td rowspan="2">President Gurbanguly Berdimuhamedow</td>
33     </tr>
34     <tr>
35       <td>Vice-President</td>
36     </tr>
37     <tr>
38       <td>Eritrea</td>
39       <td>President Isaias Afwerki</td>
40       <td rowspan="2">Vice-President None</td>
41     </tr>
42   </tbody>
43 </table>
44
45 </body>
46 </html>
47
```

Country Politicians

Country Politicians		
Turkmenistan	President Gurbanguly Berdimuhamedow	
Vice-President		
Eritrea	President Isaias Afwerki	Vice-President None

Q.6

```
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">
6   <title>My Favorite Websites</title>
7 </head>
8 <body>
9
10  <h1>My Favorite Websites</h1>
11
12  <ul>
13    <li><a href="https://www.example1.com" target="_blank">Favorite Website 1</a></li>
14    <li><a href="https://www.example2.com" target="_blank">Favorite Website 2</a></li>
15    <li><a href="https://www.example3.com" target="_blank">Favorite Website 3</a></li>
16    <li><a href="https://www.example4.com" target="_blank">Favorite Website 4</a></li>
17  </ul>
18
19 </body>
20 </html>
```

My Favorite Websites

- [Favorite Website 1](#)
- [Favorite Website 2](#)
- [Favorite Website 3](#)
- [Favorite Website 4](#)

Q.7

```
33 </head>
34 <body>
35
36 <div class="content">
37   <!-- Content of the webpage goes here -->
38   <h1>Scroll Down</h1>
39   <p>Scroll down to see more content...</p>
40 </div>
41
42 <a href="#" class="back-to-top" id="backToTop">Back to Top</a>
43
44 <script>
45   window.onscroll = function() {scrollFunction()};
46
47   function scrollFunction() {
48     var backToTopBtn = document.getElementById("backToTop");
49     if (document.body.scrollTop > 20 || document.documentElement
50       backToTopBtn.classList.add("show");
51     } else {
52       backToTopBtn.classList.remove("show");
53     }
54   }
55
56   function topFunction() {
57     document.body.scrollTop = 0; // For Safari
58     document.documentElement.scrollTop = 0; // For Chrome, Fir
59   }
60
61   document.getElementById("backToTop").addEventListener("click",
62 </script>
```

Scroll Down

Scroll down to see more content...

Back to Top

Q.8

```
27 }
28 .bottom-link {
29   position: fixed;
30   bottom: 20px;
31   right: 20px;
32   background-color: #007bff;
33   color: white;
34   padding: 10px 20px;
35   text-decoration: none;
36   border-radius: 5px;
37 }
38 </style>
39 </head>
40 <body>
41
42 <a href="#bottom" class="top-link">Jump to Bottom</a>
43
44 <div class="content">
45   <!-- Content of the webpage goes here -->
46   <h1>Scroll Down</h1>
47   <p>Scroll down to see more content...</p>
48 </div>
49
50 <a href="#" class="bottom-link" id="bottom">Back to Top</a>
51
52 </body>
53 </html>
54
```

Scroll Down


Jump to Bottom

Scroll down to see more content...

Back to Top


Q.9

```
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>Image with Border</title>
7 <style>
8   /* Style for the image */
9   img {
10     width: 200px;
11     height: 200px;
12     border: 2px solid black; /* Border size and color */
13   }
14 </style>
15 </head>
16 <body>
17
18 <!-- Image with border -->
19 
20
21 </body>
22 </html>
23
```



Q.10

```
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>Images with Captions</title>
7 <style>
8   /* Style for image container */
9   .image-container {
10     margin-bottom: 20px;
11   }
12   /* Style for image caption */
13   .caption {
14     text-align: center;
15     font-style: italic;
16   }
17 </style>
18 </head>
19 <body>
20
21 <!-- Image 1 with caption -->
22 <div class="image-container">
23   
24   <p class="caption">Caption for Image 1</p>
25 </div>
26 <br><br>
27
28 <!-- Image 2 with caption -->
29 <div class="image-container">
30   
31   <p class="caption">Caption for Image 2</p>
32 </div>
33 </body>
34 </html>
35
```



Caption for Image 1

Caption for Image 2

Caption for Image 3

Caption for Image 4

Caption for Image 5

Q.11

```

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>Search Engine Link</title>
7 </head>
8 <body>
9
10 <!-- Image linked to search engine -->
11 <a href="your_search_engine_url" target="_blank"> <!-- Replace your_se
12 | 
14
15 </body>
16 </html>
17

```

