

PRACTICAL 1

QUES. Demonstrate all the text formatting tags in a single HTML page.

SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>text formating tags example</title>
</head>
<body>
  <!-- It is a comment -->
    <h1>Text Formating Tags</h1>
    <p><strong>Bold.</strong></p>
    <p><em>Italicized.</em></p>
    <p><u>Underlined.</u></p>
    <p>Here is <sub>subscript</sub> and <sup>supercrpt</sup>.</p>
    <p><del>struck-through text.</del></p>
    <p><ins>Inserted or underlined text.</del></p>
    <p>abbreviation <abbr title="Cascading Style Sheets">CSS</abbr>.</p>
    <p>Here is some <mark>highlighted text</mark>.</p>
    <p>This segment contains an inline <code>code snippet</code>.</p>
    <p>Example of <kbd>keyboard input</kbd> notation.</p>
    <p>Output from a computer program is shown using <samp>sample text</samp>.</p>
    <p>Click this <a href="#">link</a> to visit a webpage.</p>

    <div style="border:solid 1px red">Hey there!</div><br>
    <span style="border:solid 1px green">How r u?</span>

    <blockquote>
      <p>This blockquote is used to highlight or quote a longer section of text.</p>
    </blockquote>
    <pre>This is preformatted text.</pre>
    <p><small>Smaller text size example.</small></p>

    <h3>TABLE</h3>
    <table>
      <thead>
```

```

<tr>
  <th>Name</th>
  <th>Class</th>
  <th>Roll no.</th>
  <th>Branch</th>
</tr>
</thead>
<tbody>
  <tr>
    <td>Ayush Rawat</td>
    <td>C1</td>
    <td>16</td>
    <td>B.Tech</td>
  </tr>
  <tr>
    <td>Arjun</td>
    <td>C1</td>
    <td>65</td>
    <td>B.Tech</td>
  </tr>
  <tr>
    <td>shubham Badola</td>
    <td>C1</td>
    <td>59</td>
    <td>B.Tech</td>
  </tr>
</tbody>
</table>
<pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>

```

OUTPUT:

Text Formating Tags

Bold.

Italicized.

Underlined.

Here is _{subscript} and ^{superscript}.

~~struck-through text.~~

Inserted or underlined text.

abbreviation CSS.

Here is some **highlighted text**.

This segment contains an inline code `snippet`.

Example of keyboard input notation.

Output from a computer program is shown using `sample text`.

Click this [link](#) to visit a webpage.

Hey there!

How r u?

This blockquote is used to highlight or quote a longer section of text.

This is preformatted text.

Smaller text size example.

TABLE

Name	Class	Roll no.	Branch
Ayush Rawat	C1	16	B.Tech
Arjun	C1	65	B.Tech
shubham Badola	C1	59	B.Tech

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 2

QUES. Write an HTML code to draw the following Figure:

```
      *
    * * *
  * * * * *
* * * * * *
```

SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
```

```

</head>
<body>
  <pre>
      *
    * * *
  * * * * *
* * * * * * *

  </pre>
  <pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>

```

OUTPUT:

```

      *
    * * *
  * * * * *
* * * * * * *

```

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 3

QUES. Create a web page to print the following table:

List of Course-wise Subjects

Sr. No.	Course	Subject	Marks		Category		Practical/ Theory
			Internal	External	Internal	External	
1	MBA	Management Accounting	30	70	-	✓	Theory
		Information Technology	30	70	-	✓	T and P
		Basics of Marketing	30	70	-	✓	Theory
		E-Commerce	50	-	✓	-	Theory
2	MCM	Visual Basic	30	70	-	✓	T and P
		Internet Technology	30	70	-	✓	T and P
		Network Technology	30	70	-	✓	Theory
		VB.Net	30	70	-	✓	T and P
		Linux	30	70	-	✓	T and P
		ISA	50	-	✓	-	Theory

SOURCE CODE:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <table border = "1px" cellpadding = "2px">
    <tr>
      <th rowspan="2">S No.</th>
      <th rowspan="2">Course</th>
      <th rowspan="2">Subject</th>
      <th colspan="2">Marks</th>
      <th colspan="2">Category</th>
      <th rowspan="2">Practical Theory</th>
    </tr>
    <tr>
      <th>Internal</th>
      <th>External</th>
      <th>Internal</th>
      <th>External</th>
    </tr>
    <tr>
      <td rowspan="4">1</td>
      <td rowspan="4">MBA</td>
      <td>Management Accounting</td>
      <td>30</td>
      <td>70</td>
      <td>-</td>
      <td>&#x2714</td>
      <td>Theory</td>
    </tr>
    <tr>
      <td>Information Technology</td>
      <td>30</td>
      <td>70</td>
      <td>-</td>
      <td>&#x2714</td>
      <td>T and P</td>
    </tr>
  </table>

```



```

        <td>&#x2714</td>
        <td>Theory</td>
    </tr>
    <tr>
        <td>VB.Net</td>
        <td>30</td>
        <td>70</td>
        <td>-</td>
        <td>&#x2714</td>
        <td>T and P</td>
    </tr>
    <tr>
        <td>Linux</td>
        <td>30</td>
        <td>70</td>
        <td>-</td>
        <td>&#x2714</td>
        <td>T and P</td>
    </tr>
</table>
<pre>Name: Ayush Rawat   Std.Id: 220111309   Sem: 6th   Sec: C1</pre>
</body>
</html>

```

OUTPUT:

S No.	Course	Subject	Marks		Category		Practical Theory
			Internal	External	Internal	External	
1	MBA	Management Accounting	30	70	-	✓	Theory
		Information Technology	30	70	-	✓	T and P
		Basics of Marketing	30	70	-	✓	Theory
		E-Commerce	50	-	✓	-	Theory
2	MCA	Visual Basic	30	70	-	✓	T and P
		Internet Technology	30	70	-	✓	T and P
		Network Technology	30	70	-	✓	Theory
		VB.Net	30	70	-	✓	T and P
		Linux	30	70	-	✓	T and P

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 4

QUES. Using table related tags align the images with hyperlinks.

Table With Mobile Connections

			
	Table With Images		
			

SOURCE CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Table with Mobile Connection</title>

</head>

<body>

  <table>

    <tr>

      <td><a href="https://www.apple.com" target="_blank"></a></td>

      <td><a href="https://www.dominos.com" target="_blank"></a></td>

      <td><a href="https://www.tata.com" target="_blank"></a></td>

      <td><a href="https://www.airtel.in" target="_blank"></a></td>

    </tr>

    <tr>

      <td><a href="https://www.aircel.in" target="_blank"></a></td>
```

```

        <td colspan="2" style="text-align: center;">Table With Images</td>

        <td><a href="https://www.instagram.com" target="_blank"></a></td>

    </tr>

    <tr>

        <td><a href="https://www.youtube.com" target="_blank"></a></td>

        <td><a href="https://www.jio.com" target="_blank"></a></td>

        <td><a href="https://www.amazon.com" target="_blank"></a></td>

        <td><a href="https://www.facebook.com" target="_blank"></a></td>

    </tr>

</table>

<pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>

</body>

</html>

```

OUTPUT:



PRACTICAL 5

QUES. Create a web page with the following using HTML:

I. To embed an image map in a web page

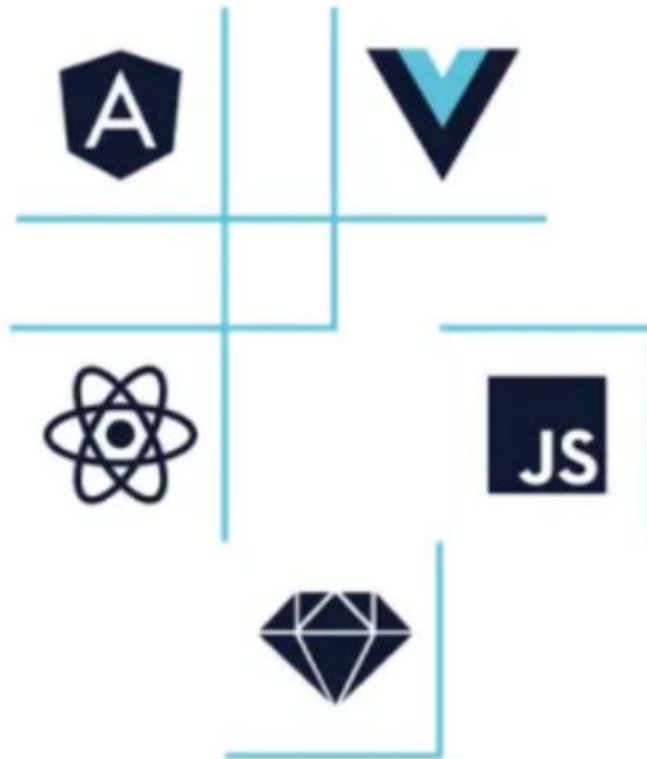
II. To fix the hot spots

III. Show all the related information when the hot spots are clicked.

SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  
  <map name="map1">
    <area shape="rectangle" coords="124px 100px 205px 182px" href="https://angular.dev/"
    target="_blank" alt="">
    <area shape="rectangle" coords="250px 100px 333px 184px" href="https://vite.dev/"
    target="_blank" alt="">
    <area shape="rectangle" coords="122px 228px 205px 313px" href="https://react.dev/"
    target="_blank" alt="">
    <area shape="rectangle" coords="292px 230px 377px 314px"
    href="https://www.javascript.com/" target="_blank" alt="">
    <area shape="rectangle" coords="207px 314px 289px 397px" href="https://www.ruby-
    lang.org/en/" target="_blank" alt="">
  </map>
  <pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>
```

OUTPUT:



Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 6

QUES. Create a web page having frames as follows:

Your Name Punch line etc.		
<u>Objective</u>	Display information here of selected link	Display relevant images here
<u>Personal Information</u>		
<u>Family Information</u>		
<u>Educational Information</u>		
<u>Experience</u>		
<u>Achievements</u>		
<u>Other</u>		
Your contact details		

SOURCE CODE:

Table of Frames:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <table border = "1px" cellpadding="2px">
    <tr>
      <td colspan="3" style = "text-align:center" >Your Name <br> Punch line etc</td>
    </tr>
    <tr>
      <td><iframe height="160px" width="250px" src="list.html"
name="frame1"></iframe></td>
      <td><iframe height="160px" width="170px" name="frame2"></iframe></td>
      <td></td>
    </tr>
  </table>

```



```

        <tr>
            <td colspan="3" style = "text-align: center;">Your ccontact details</td>
        </tr>
    </table>

    <pre>Name: Ayush Rawat   Std.Id: 220111309   Sem: 6th   Sec: C1</pre>
</body>
</html>

```

List Page:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <a href="objective.html" target = "frame2">Objective</a><br>
    <a href="Personal.html" target = "frame2">Personal Information</a><br>
    <a href="Education.html" target = "frame2">Education Information</a><br>
    <a href="Experience.html" target = "frame2">Experience</a><br>
    <a href="Achievement.html" target = "frame2">Achievement</a><br>
    <a href="Other.html" target = "frame2">Other</a>
</body>
</html>

```

Objective page:

```

<!DOCTYPE html>

```

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Objective page</h1>
</body>
</html>
```

Personal Information page:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Personal Information page</h1>
</body>
</html>
```

Family Information page:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
```

```
</head>
<body>
  <h1>Family Information page</h1>
</body>
</html>
```

Education Information page:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Education Information page</h1>
</body>
</html>
```

Experience page:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Experience Information page</h1>
</body>
</html>
```

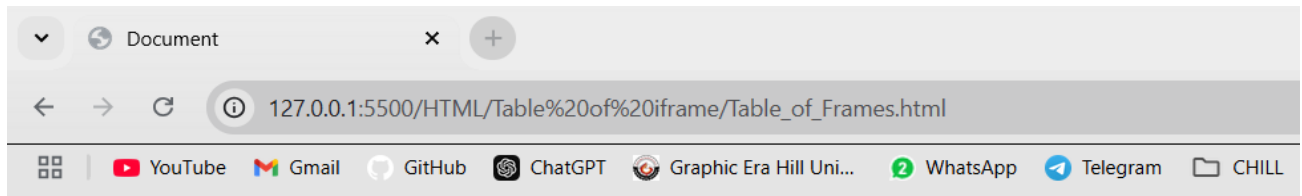
Achievement page:


```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Achievement page</h1>
</body>
</html>
```

Other page:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1>Other page</h1>
</body>
</html>
```

OUTPUT:



Your Name Punch line etc		
Objective Personal Information Education Information Experience Achievement Other	Objective page	
Your ccontact details		

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 7

QUES. Write a HTML code for the following snapshot.

Basic information

Full name:

Birth date:

Gender: ☐ Male ☐ Female

Address:

Phone number:

Extra information

Interests: ☐ Books ☐ Movies ☐ Videogames

Favorite color:

SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>HTML question 7:</title>
</head>
<body style="background-color: lightblue;">
  <form action="">
    <fieldset><legend>Basic Information</legend><br>
      <label for="">Full Name: </label><input type="text" required placeholder="Enter your
full name"><br><br>
      <label for="">Birth Date: </label><input type="date" required><br><br>
      <label>gender: </label><input type="radio" name="gender">Male <input type="radio"
name="gender">Female <br><br>
      <label for="">Address: </label> <textarea name="" id=""></textarea><br><br>
      <label for="">phone number: </label><input type="tel" required
placeholder="XXXXXXXXXX"><br><br>
```

```

</fieldset><br><br>

<fieldset><legend>Extra Information</legend>
  <label for="">Interests: </label><input type="checkbox">Books <input
type="checkbox">Movies <input type="checkbox">Videogames <br><br>
  <label for="">Favorite color: </label><input type="color"><br><br>
</fieldset><br>
<input type="submit" value="Send data">
<input type="reset" value="Reset form">
</form>
<pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>

```

OUTPUT:

Basic Information

Full Name:

Birth Date: 

gender: ☐ Male ☐ Female

Address:

phone number:

Extra Information

Interests: ☐ Books ☐ Movies ☐ Videogames

Favorite color:

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 8

QUES. Create a web page of customer profile for data entry of customers in a Hotel, The profile should include Name, Address, Age, gender, Room Type (A/C, Non-A/C or Deluxe), Type of payment (Cash, Credit/Debit Card or Coupons).

SOURCE CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>HTML question 8:</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            text-align: center;

            background-color: #f2f2f2;

        }

        form {

            width: 40%;

            margin: auto;

            background: white;

            padding: 20px;

            border-radius: 10px;

            box-shadow: 0px 0px 10px gray;

        }

        label {

            display: block;

            font-weight: bold;

            margin-top: 10px;

            text-align: left;
```

```
}
input, select {
    width: 100%;
    padding: 8px;
    margin-top: 5px;
    border: 1px solid #ccc;
    border-radius: 5px;
}
.radio-group {
    display: flex;
    justify-content: space-around;
}
.radio-group input {
    width: auto;
}
.btn {
    background-color: #28a745;
    color: white;
    padding: 10px 20px;
    border: none;
    margin-top: 16px;
    border-radius: 5px;
    cursor: pointer;
    font-size: 16px;
}
.btn:hover {
    background-color: #218838;
}
</style>
</head>
```

<body>

<h2>Hotel Customer Profile Entry</h2>

<form>

<label for="name">Full Name:</label>

<input type="text" id="name" name="name" required>

<label for="address">Address:</label>

<input type="text" id="address" name="address" required>

<label for="age">Age:</label>

<input type="number" id="age" name="age" min="18" required>

<label>Gender:</label>

<div class="radio-group">

<label><input type="radio" name="gender" value="Male" required> Male</label>

<label><input type="radio" name="gender" value="Female"> Female</label>

<label><input type="radio" name="gender" value="Other"> Other</label>

</div>

<label for="room">Room Type:</label>

<select id="room" name="room">

<option value="AC">A/C</option>

<option value="Non-AC">Non A/C</option>

<option value="Deluxe">Deluxe</option>

</select>

<label for="payment">Payment Type:</label>

<select id="payment" name="payment">

```
<option value="Cash">Cash</option>
<option value="Card">Credit/Debit Card</option>
<option value="Coupons">Coupons</option>
</select>

<button type="submit" class="btn">Submit</button>
</form>
<pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>
```

OUTPUT:

Hotel Customer Profile Entry

Full Name:

Address:

Age:

Gender:

☐ Male

☐ Female

☐ Other

Room Type:

Payment Type:

Submit

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 9

QUES. Demonstrate the use of following HTML5 Tags:

- | | | | | |
|-------------|-----------------|---------------|---------------|-------------|
| I. <Video> | II. <Audio> | III. <Header> | IV. <Footer> | V. <Nav> |
| VI. <Embed> | VII. <Datalist> | VIII. <Bdi> | IX. <Article> | X. <Output> |

SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>HTML5 Tags Example</title>
</head>
<body>
  <header>
    <h1>Welcome to My Website</h1>
    <nav>
      <ul>
        <li><a href="#home">Home</a></li>
        <li><a href="#about">About</a></li>
        <li><a href="#contact">Contact</a></li>
      </ul>
    </nav>
  </header>

  <article>
    <h2>HTML5 Tags Demonstration</h2>
    <p>This is an example of an article section.</p>
  </article>

  <section>
    <h2>Video Example</h2>
    <video width="320" height="240" controls>
      <source src="Sample.mp4" type="video/mp4">
      Your browser does not support the video tag.
    </video>
```

</section>

<section>

<h2>Audio Example</h2>

<audio controls>

<source src="audio.mp3" type="audio/mpeg">

Your browser does not support the audio element.

</audio>

</section>

<section>

<h2>Embed Example</h2>

<embed src="WebDev.pdf" width="500" height="375" type="application/pdf">

</section>

<section>

<h2>Datalist Example</h2>

<label for="browser">Choose your browser:</label>

<input list="browsers" id="browser" name="browser">

<datalist id="browsers">

<option value="Chrome">

<option value="Firefox">

<option value="Safari">

<option value="Edge">

<option value="Opera">

</datalist>

</section>

<section>

<h2>Bdi Example</h2>

```

    <p>Usernames: <bdi>JohnDoe123</bdi>, <bdi>محمد</bdi>, <bdi>Иван</bdi></p>
</section>

<section>
  <h2>Output Example</h2>
  <form oninput="result.value=parseInt(a.value)+parseInt(b.value)">
    <input type="range" id="a" value="50"> +
    <input type="number" id="b" value="50">
    = <output name="result" for="a b">100</output>
  </form>
</section>

<footer>
  <p>&copy; 2025 My Website</p>
</footer>

<pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>

```

OUTPUT:

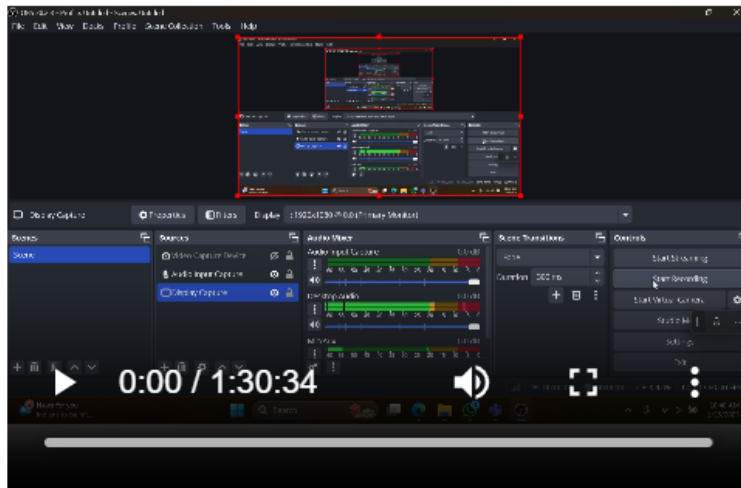
Welcome to My Website

- [Home](#)
- [About](#)
- [Contact](#)

HTML5 Tags Demonstration

This is an example of an article section.

Video Example



Datalist Example

Choose your browser:

Bdi Example

Username: JohnDoe123, محمد, Иван

Output Example

+ = 100

© 2025 My Website

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 10

QUES. Design an HTML page to create the following list.

SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Programming and Web Development</title>
  <style>
    body {
```

```

        font-family: Arial, sans-serif;
    }
    ul {
        list-style-type: disc;
    }
    ul ul {
        list-style-type: square;
    }
    ul ul ul {
        list-style-type: circle;
    }
</style>
</head>
<body>
<h2>1. <strong>Programming Languages</strong></h2>
<ul>
<li><strong>Python</strong>
<ul>
<li>Frameworks
<ol>
<li>Django</li>
<li>Flask</li>
</ol>
</li>
<li>Libraries
<ul>
<li>NumPy</li>
<li>Pandas</li>
<li>Matplotlib</li>
</ul>

```

```

    </li>
  </ul>
</li>
<li><strong>Java</strong>
  <ul>
    <li>Core Concepts
      <ul>
        <li>OOP</li>
        <li>Multithreading</li>
        <li>Exception Handling</li>
      </ul>
    </li>
    <li>Frameworks
      <ol>
        <li>Spring</li>
        <li>Hibernate</li>
      </ol>
    </li>
  </ul>
</li>
</ul>
<h2>2. <strong>Web Development</strong></h2>
<ul>
  <li><strong>Frontend</strong>
    <ul>
      <li>HTML</li>
      <li>CSS</li>
      <li>JavaScript
        <ul>
          <li>React</li>
        </ul>
      </li>
    </ul>
  </li>
</ul>
```

```
        <li>Vue.js</li>
        <li>Angular</li>
    </ul>
</li>
</ul>
</li>
<li><strong>Backend</strong>
    <ul>
        <li>Node.js</li>
        <li>PHP</li>
        <li>Ruby on Rails</li>
    </ul>
</li>
</ul>
<pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>
```

OUTPUT:

1. Programming Languages

- **Python**
 - Frameworks
 1. Django
 2. Flask
 - Libraries
 - NumPy
 - Pandas
 - Matplotlib
- **Java**
 - Core Concepts
 - OOP
 - Multithreading
 - Exception Handling
 - Frameworks
 1. Spring
 2. Hibernate

2. Web Development

- **Frontend**
 - HTML
 - CSS
 - JavaScript
 - React
 - Vue.js
 - Angular
- **Backend**
 - Node.js
 - PHP
 - Ruby on Rails

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 11

QUES. Create a web page to show all hyperlinks with the following specifications:

- Default color is pink.
- Active color is blue.
- Visited color is green.
- Hyperlink should be without underline.

SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Styled Hyperlinks with Border</title>
  <style>
    body {
      border: 5px solid black;
      margin: 20px;
      padding: 20px;
    }
    a {
      color: pink;
      text-decoration: none; /* Removes underline */
      font-size: 18px;
    }
    a:active {
      color: blue;
    }
    a:visited {
      color: green;
    }
  </style>
</head>
<body>

  <h2>Styled Hyperlinks Example</h2>
```

<p>Click on the links below:</p>

Example Link 1

Google

Wikipedia

<pre>Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1</pre>

</body>

</html>

OUTPUT:

Styled Hyperlinks Example

Click on the links below:

[Example Link 1](#)

[Google](#)

[Wikipedia](#)

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 12

QUES. Create Box Shadow and Text Shadow using CSS3.

SOURCE CODE:

<!DOCTYPE html>

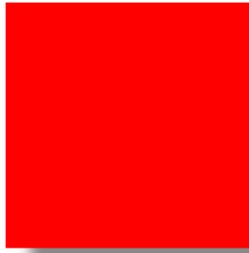
<html lang="en">

<head>

<meta charset="UTF-8">


```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<style>
  body {
    border: 5px solid black;
    margin: 20px;
    padding: 20px;
  }
  div {
    width: 100px;
    height: 100px;
    background-color: red;
    box-shadow: 10px 10px 5px #888888;
  }
  h1 {
    text-shadow: 2px 2px 5px red;
  }
</style>
</head>
<body>
  <div></div>
  <h1>Look at my shadows!!!!</h1>
  <pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>
```

OUTPUT:



Look at my shadows!!!!

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 13

QUES. Create Rounded Corners using CSS3.

SOURCE CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    body {
      border: 5px solid black;
      margin: 20px;
      padding: 20px;
    }
    div {
      width: 100px;
      height: 100px;
      background-color: red;
      box-shadow: 10px 10px 5px #888888;
      border-radius: 30%;
    }
    h1 {
      text-shadow: 2px 2px 5px red;
    }
  </style>
</head>
<body>
  <div></div>
  <h1>Rounded Corners!!!</h1>
  <pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>
</html>
```

OUTPUT:



Rounded Corners!!!

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 14

QUES. Create a web page to show newspaper layout effects on contents given in a web page (i.e., in multiple columns).

SOURCE CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    body{
      font-size: 20px;
      font-family: Arial, sans-serif;
      border: 5px solid black;
      margin: 20px;
      padding: 20px;
    }
    .news{
      column-count: 3;
      column-gap: normal;
      column-rule: 5px solid black;
    }
    .news p{
      text-align: justify;
    }

    .news h1 {
      text-align: center;
      column-span: all;
      color: white;
      background-color: black;
      padding: 10px;
    }
    .news h2{
```

```

        text-align: center;
        color: white;
        background-color: black;
        padding: 10px;
    }
    .news img{
        width: 100%;
        height: auto;
    }
</style>
</head>
<body>
    <div class="news" style="width: 90%; margin: auto; height:auto;">
        <h1>Breaking News</h1>
        <p>
            Lorem ipsum dolor sit amet consectetur adipisicing elit. Cupiditate totam inventore, dolores
            optio esse, quidem, quae voluptates quas quos voluptate eos animi quo vitae debitis quos nam!
            Quibusdam culpa nulla repellendus
        </p>
        <h2>Right Now!!</h2>
        <p>
            <br>
            Lorem ipsum dolor sit amet consectetur adipisicing elit. Sed, ad non ipsa, distinctio facilis
            odit magnam, incidunt perferendis ratione iste maiores! Delectus veritatis dolorum iure blanditiis
            distinctio, nesciunt ipsum culpa.
        </p>
        <p>
            Lorem ipsum dolor sit amet consectetur adipisicing elit. Sed, ad non ipsa, distinctio facilis
            odit magnam, incidunt perferendis ratione iste maiores! Delectus veritatis dolorum iure blanditiis
            distinctio, nesciunt ipsum culpa.
        </p>
        <p>

```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Id rerum ullam eaque accusamus est eum quae alias illum! Nostrum animi cumque minima dolore id corrupti labore perferendis omnis unde quam.

</p>

<h2>What you missed!!</h2>

<p>

Lorem ipsum dolor sit amet consectetur adipisicing elit. Id rerum ullam eaque accusamus est eum quae alias illum! Nostrum animi cumque minima dolore id corrupti labore perferendis omnis unde quam.

</p>

<p>

Lorem ipsum dolor sit amet consectetur adipisicing elit. Id rerum ullam eaque accusamus est eum quae alias illum! Nostrum animi cumque minima dolore id corrupti labore perferendis omnis unde quam.

</p>

<p>

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Mollitia neque autem quod eius sit quasi minus unde provident obcaecati esse? Et deleniti ipsum reiciendis expedita sit praesentium quas velit doloribus.

</p>

</div>

<pre>Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1</pre>

</body>

</html>

OUTPUT:

Breaking News

Lorem ipsum dolor sit amet consectetur adipisicing elit. Cupiditate totam inventore, dolores optio esse, quidem, quae voluptates quas quos voluptate eos animi quo vitae debitis quos nam! Quibusdam culpa nulla repellendus

Right Now!!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Sed, ad non ipsa, distinctio facilis odit magnam, incidunt perferendis ratione iste

maiores! Delectus veritatis dolorum iure blanditiis distinctio, nesciunt ipsum culpa.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Sed, ad non ipsa, distinctio facilis odit magnam, incidunt perferendis ratione iste maiores! Delectus veritatis dolorum iure blanditiis distinctio, nesciunt ipsum culpa.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Id rerum ullam eaque accusamus est eum quae alias illum! Nostrum animi cumque minima dolorem id corrupti labore perferendis omnis unde quam.

What you missed!!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Id rerum ullam eaque accusamus est eum quae alias illum! Nostrum animi cumque minima dolorem id corrupti labore perferendis omnis unde quam.

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Mollitia neque autem quod eius sit quasi minus unde provident obcaecati esse? Et deleniti ipsum reiciendis expedita sit praesentium quas velit doloribus.

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1

PRACTICAL 16

QUES. Create a web page to show a transition effect in such a way that elements gradually change from one style to another style.

SOURCE CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```



```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Transition Effect Example</title>
  <style>
    body {
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
    }
    .transition-box {
      width: 200px;
      height: 200px;
      border-radius: 20%;
      background-color: blue;
      transition: all 1s ease;
      align-items: center;
      display: flex;
      justify-content: center;
      color: white;
      font-size: 35px;
    }

    .transition-box:hover {
      background-color: red;
      width: 500px;
      height: 500px;
      font-size: 70px;
    }
  </style>
</head>
```

```
        border-radius: 50%;  
    }  
</style>  
</head>  
<body>  
    <div class="transition-box">Hover Me!!</div>  
</body>  
</html>
```

OUTPUT:



PRACTICAL 16

QUES. Create a web page to show a fixed background image (this image will not scroll with the rest of the page)

SOURCE CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Document</title>
```

```
  <style>
```

```
    body {
```

```
      border: 5px solid black;
```

```
      margin: 20px;
```

```
      padding: 20px;
```

```
      font-size: 20px;
```

```
      font-family: Arial, sans-serif;
```

```
      background-image: url('images.jpeg');
```

```
      background-size: cover;
```

```
      background-repeat: no-repeat;
```

```
      background-attachment: fixed;
```

```
    }
```

```
    abc.h1
```

```
    {
```

```
      text-align: center;
```

```
      column-span: all;
```

```
      color: white;
```

```
      background-color: black;
```

```
padding: 10px;
}
</style>
</head>

<body>

  <h1>Starting</h1>

  <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus
  similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa,
  qui incidunt? Exercitationem error eaque quo.</p>

  <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus
  similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa,
  qui incidunt? Exercitationem error eaque quo.</p>

  <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus
  similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa,
  qui incidunt? Exercitationem error eaque quo.</p>

  <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus
  similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa,
  qui incidunt? Exercitationem error eaque quo.</p>

  <pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
</body>

</html>
```

OUTPUT:

Starting

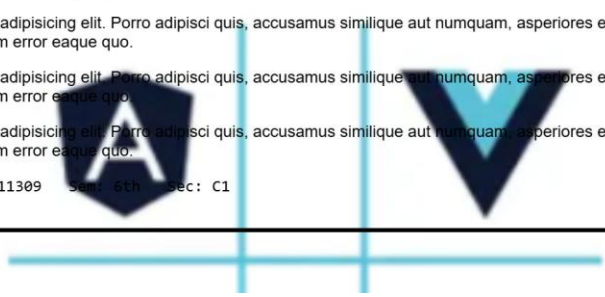
Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa, qui incidunt? Exercitationem error eaque quo.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa, qui incidunt? Exercitationem error eaque quo.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa, qui incidunt? Exercitationem error eaque quo.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa, qui incidunt? Exercitationem error eaque quo.

Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1



PRACTICAL 17

QUES. Create a web page to position a background image and repeat the image horizontally or vertically.

SOURCE CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <style>

    body {

      border: 5px solid black;

      margin: 20px;

      padding: 20px;

      font-size: 20px;

      font-family: Arial, sans-serif;

      background-image: url('images.jpeg');

      background-attachment: fixed;

    }

    abc.h1

    {

      text-align: center;

      column-span: all;

      color: white;

      background-color: black;

      padding: 10px;

    }

  </style>

</head>
```

<body>

<h1>Starting</h1>

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa, qui incidunt? Exercitationem error eaque quo.</p>

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa, qui incidunt? Exercitationem error eaque quo.</p>

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa, qui incidunt? Exercitationem error eaque quo.</p>

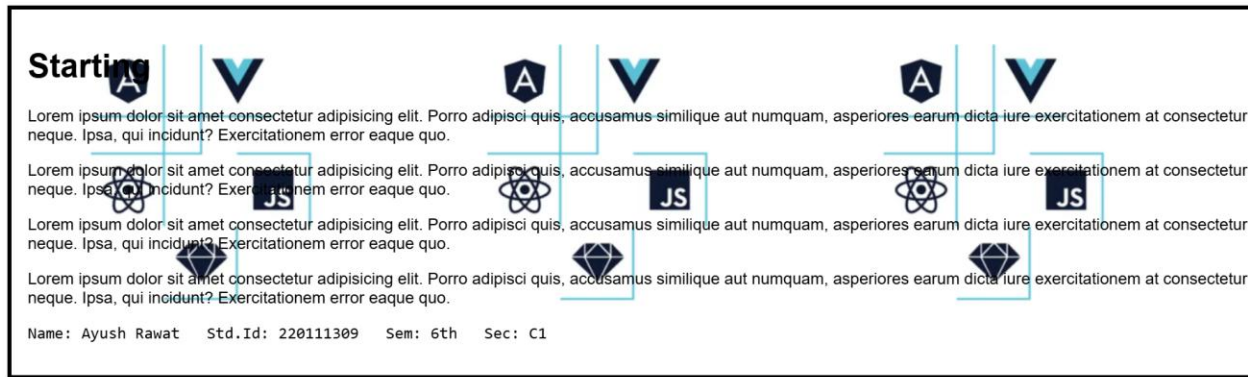
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Porro adipisci quis, accusamus similique aut numquam, asperiores earum dicta iure exercitationem at consectetur neque. Ipsa, qui incidunt? Exercitationem error eaque quo.</p>

<pre>Name: Ayush Rawat Std.Id: 220111309 Sem: 6th Sec: C1</pre>

</body>

</html>

OUTPUT:



PRACTICAL 18

QUES. Create an HTML page to demonstrate all types of CSS position properties (static, relative, absolute, fixed, sticky).

SOURCE CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>CSS Positioning Demo</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      margin: 20px;

    }

    .container {

      width: 80%;
```



```
    margin: auto;
}

.box {
    width: 200px;
    height: 100px;
    margin: 10px;
    padding: 10px;
    color: white;
    text-align: center;
    font-weight: bold;
}

.static {
    background-color: gray;
    position: static;
}

.relative {
    background-color: blue;
    position: relative;
    top: 20px;
    left: 20px;
}

.absolute {
    background-color: green;
    position: absolute;
    top: 50px;
    left: 50px;
}

.fixed {
    background-color: red;
```

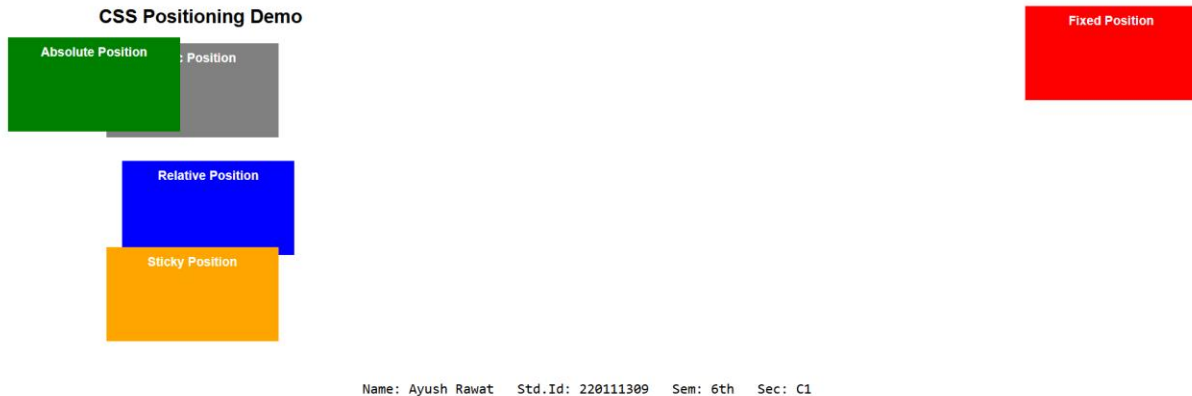
```

        position: fixed;
        top: 10px;
        right: 10px;
    }
    .sticky {
        background-color: orange;
        position: sticky;
        top: 0;
    }
    footer {
        margin-top: 50px;
        font-size: 18px;
        text-align: center;
    }
</style>
</head>
<body>
    <div class="container">
        <h2>CSS Positioning Demo</h2>
        <div class="box static">Static Position</div>
        <div class="box relative">Relative Position</div>
        <div class="box absolute">Absolute Position</div>
        <div class="box fixed">Fixed Position</div>
        <div class="box sticky">Sticky Position</div>
    </div>
    <footer>
        <pre>Name: Ayush Rawat  Std.Id: 220111309  Sem: 6th  Sec: C1</pre>
    </footer>
</body>

```

</html>

OUTPUT:



PRACTICAL 19

QUES. Design a web page using CSS which includes the following:

1. Use different font styles.
2. Set a background image for both the page and single elements on the page.
3. Control the repetition of the image with the background-repeat property.
4. Define styles for links as a:link, a:active, a:hover, a:visited.
5. Add customized cursors for links.
6. Work with layers.

SOURCE CODE:

OUTPUT:

Layered Element

This is a sample text inside a layered box with a background image.