1. **below Build a simple webpage that displays text as shown in the image.**
2. <!DOCTYPE html>
3. <html lang="en">
4. <head>
5. <meta charset="UTF-8">
6. <meta http-equiv="X-UA-Compatible" content="IE=edge">
7. <meta name="viewport" content="width=device-width, initial-scale=1.0">
8. <title>Document</title>
9. </head>
10. <body>
11. <!-- 1.Build a simple webpage that displays text as shown in the below image. -->
12. <p><b> This text will be bolded</b></p>
13. <p><i>This text will be italic</i></p>
14. <p><u>This text will be underline</u> </p>
15. <p style="background-color: yellow;">This text will be highlighted</p>
16. <p>This is normal text <sup>This will be super scripted</sup> This is normal again</p>
17. <p>This is normal text <sub>This text will be subscripted</sub></p>
18. <p><del>This text will be deleted</del> </p>
19. </body>
20. </html>

Output🡪

**This text will be bolded**

*This text will be italic*

This text will be underline

This text will be highlighted

This is normal text This will be super scripted This is normal again

This is normal text This text will be subscripted

**2.Build a simple webpage that displays the table as shown below.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

<table border="1">

        <tr>

            <th>SI No.</th>

            <th align="center">Name</th>

            <th align="center">Course</th>

            <th align="center">Emial</th>

        </tr>

        <tr>

            <td>1</td>

            <td>Aarav Sharma</td>

            <td>FSWD</td>

            <td>aarav.sharma@gamil.com</td>

        </tr>

        <tr>

            <td>2</td>

            <td>Diya Patel</td>

            <td>FSDS</td>

            <td>diya.patel@gmail.com</td>

        </tr>

        <tr>

            <td>3</td>

            <td>Aryan Singh</td>

            <td>DSA with JAVA</td>

            <td>arya.singh@gmail.com</td>

        </tr>

        <tr>

            <td>4</td>

            <td>Avni Gupta</td>

            <td>FSWD</td>

            <td>avni.gupta@gmail.com</td>

        </tr>

        <tr>

            <td>5</td>

            <td>Rohan Mehta</td>

            <td>FSDS</td>

            <td>rohan.mehta@gmail.com</td>

        </tr>

        <tr>

            <td>6</td>

            <td>Prisha Verma</td>

            <td>DSA with JAVA</td>

            <td>prisha.verma@gmail.com</td>

        </tr>

        <tr>

            <td>7</td>

            <td>Arnav Choudhary</td>

            <td>FSWD</td>

            <td>arnav.choudhary@gmail.com</td>

        </tr>

        <tr>

            <td>8</td>

            <td>Ishan Patel</td>

            <td>FSDS</td>

            <td>ishan.patel@gmail.com</td>

        </tr>

        <tr>

            <td>9</td>

            <td>Siya Singh</td>

            <td>DSA with JAVA</td>

            <td>siya.singh@gmail.com</td>

        </tr>

    </table>

</body>

</html>

Output🡪

|  |  |  |  |
| --- | --- | --- | --- |
| **SI No.** | **Name** | **Course** | **Emial** |
| 1 | Aarav Sharma | FSWD | aarav.sharma@gamil.com |
| 2 | Diya Patel | FSDS | diya.patel@gmail.com |
| 3 | Aryan Singh | DSA with JAVA | arya.singh@gmail.com |
| 4 | Avni Gupta | FSWD | avni.gupta@gmail.com |
| 5 | Rohan Mehta | FSDS | rohan.mehta@gmail.com |
| 6 | Prisha Verma | DSA with JAVA | prisha.verma@gmail.com |
| 7 | Arnav Choudhary | FSWD | arnav.choudhary@gmail.com |
| 8 | Ishan Patel | FSDS | ishan.patel@gmail.com |
| 9 | Siya Singh | DSA with JAVA | siya.singh@gmail.com |

**3.Build a simple webpage that displays the table shown below.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

 <table border="1">

        <tr>

            <td>Product</td>

            <td colspan="2">Flavours & Quantity</td>

        </tr>

        <tr>

            <td colspan="3">Dairy</td>

        </tr>

        <tr>

            <td rowspan="3">Ice Creams</td>

            <td>Vanilla</td>

            <td>500g</td>

        </tr>

        <tr>

            <td>Chocolate</td>

            <td>250g</td>

        </tr>

        <tr>

            <td>Butter Scotch</td>

            <td>1kg</td>

        </tr>

        <tr>

            <td colspan="3">Beverages</td>

        </tr>

        <tr>

            <td rowspan="3">Soda</td>

            <td>Cola</td>

            <td>0.5L</td>

        </tr>

        <tr>

            <td>Orange</td>

            <td>1L</td>

        </tr>

        <tr>

            <td>Lime</td>

            <td>2L</td>

        </tr>

    </table>

</body>

</html>

**Output🡪**

|  |  |  |
| --- | --- | --- |
| Product | Flavours & Quantity | |
| Dairy | | |
| Ice Creams | Vanilla | 500g |
| Chocolate | 250g |
| Butter Scotch | 1kg |
| Beverages | | |
| Soda | Cola | 0.5L |
| Orange | 1L |
| Lime | 2L |

**5. Build a simple webpage that helps users navigate different web development-related websites.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

 <h2>Navigate Me:</h2>

    <p>Take me to <a href="">PW Skills</a> to buy a course.</p>

    <p>Take me to <a href="">MDN docs</a> to know more about Web Development.</p>

    <p>Take me to <a href="">PW Skills Lab</a> to practice live coding.</p>

</body>

</html>

## Output🡪

## Navigate Me:

Take me to PW Skills to buy a course.

Take me to MDN docs to know more about Web Development.

Take me to PW Skills Lab to practice live coding.

**6. Create an ordered list of HTML tags. Each list item must include the tag name .**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

<ol>

        <li>Heading tag</li>

        <li>Paragraph tag</li>

        <li>Div tag</li>

        <li>Formatting tag</li>

    </ol>

</body>

</html>

Output🡪

1. Heading tag
2. Paragraph tag
3. Div tag
4. Formatting tag

**7. Create an unordered list of 5 programming quotes ,using the <ul> tag.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

<h2>5 Programming Quotes</h2>

        <ul>

            <li>Coding like poetry should be short and concise.</li>

            <li>First,solve the problem. Then, write the code.</li>

            <li>Confusion is part of programming.</li>

            <li>Programming is the art of telling another human being what one wants the computer to do.</li>

            <li>Talk is cheap. Show me the code.</li>

        </ul>

</body>

</html>

Output🡪

**5 Programming Quotes**

* Coding like poetry should be short and concise.
* First,solve the problem. Then, write the code.
* Confusion is part of programming.
* Programming is the art of telling another human being what one wants the computer to do.
* Talk is cheap. Show me the code.

**8. Create a description list of full stack web development tech stack , using the <dl> tag. Each term should be a tech stack name and each description should be a brief explanation of that tech stack is used for.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

<h1>Full stack web development</h1>

   <dl>

    <dt>Frontend:</dt>

    <dd>HTML</dd>

    <dd>CSS</dd>

    <dd>JAVASCRIPT</dd>

    <dt>backend:</dt>

    <dd>mongoDB</dd>

    <dd>Node jS</dd>

   </dl>

</body>

</html>

Output🡪

# Full stack web development

Frontend:

HTML

CSS

JAVASCRIPT

backend:

mongoDB

Node jS

**9. Create an ordered list of the most common text formatting tags in HTML. Within each list item , use an unordered list to list the specific use cases and best practices for that tag.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

<ol>

    <li>Bold tag:</li>

    <ul>

        <li><b>Hello techies</b></li>

        <li><b>just for fun</b></li>

    </ul>

    <li>Italic tag:</li>

    <ul>

        <li><i>Hello pw techies</i></li>

        <li><i>Learning</i></li>

    </ul>

    <li>Underline tag:</li>

    <ul>

        <li><u>Hello pw skills</u></li>

        <li><u>Learning</u></li>

    </ul>

    <li>Strikethrough tag:</li>

    <ul>

        <li><s>Hello world</s></li>

        <li><s>Environment</s></li>

    </ul>

    <li>Subscript tag:</li>

    <ul>

        <li>Sea <sub>water</sub></li>

    </ul>

    <li>Superscript tag:</li>

    <ul>

        <li>343 <sup>2+3+4</sup></li>

    </ul>

  </ol>

</body>

</html>

Output🡪

1. Bold tag:
   * **Hello techies**
   * **just for fun**
2. Italic tag:
   * *Hello pw techies*
   * *Learning*
3. Underline tag:
   * Hello pw skills
   * Learning
4. Strikethrough tag:
   * ~~Hello world~~
   * ~~Environment~~
5. Subscript tag:
   * Sea water
6. Superscript tag:
   * 343 2+3+4

**10. Create an ordered list of the full stack web development tech stack HTML,CSS,and JS.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

<table border="1">

        <tr>

            <th>Tech Stack</th>

            <th>Primary use cases</th>

            <th>Key Features/Benefits</th>

        </tr>

       <tr>

        <td>1.HTML</td>

        <td align="center">Building the structure of web pages</td>

        <td>

            <ul type="circle">

                <li>Simple and easy to learn</li>

                <li>Compatible with all web browsers</li>

                <li>Allows for semantic markup</li>

            </ul>

        </td>

       </tr>

       <tr>

        <td>2.CSS</td>

        <td>

            <ol>

                <li>CSS gives styles to raw HTML</li>

                <li>CSS is used to make website responsive</li>

            </ol>

        </td>

        <td>

            <ul type="circle">

                <li>CSS is easy to maintain.</li>

                <li>Time saving.</li>

                <li>Better device Compatibility.</li>

            </ul>

        </td>

       </tr>

       <td>2.JS</td>

        <td>

            <ol>

                <li>JS used to make pages alive.</li>

                <li>JS is a client side scripting language.</li>

            </ol>

        </td>

        <td>

            <ul type="circle">

                <li>Easy to use. </li>

                <li>Event handling.</li>

                <li>Control statements.</li>

            </ul>

        </td>

       </tr>

    </table>

</body>

</html>