

1. Write the HTML code which generates the following output.

Company Name	Year	Profit (In Crore)
Infosys	2018	6520
	2019	7250
Wipro	2018	1803
	2019	1953

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

```
  <title>Company Profit Table</title>
```

```
</head>
```

```
<body>
```

```
  <table border="1" cellspacing="0" cellpadding="10">
```

```
    <tr>
```

```
      <th>Company Name</th>
```

```
      <th>Year</th>
```

```
      <th>Profit (In Crore)</th>
```

```
    </tr>
```

```
    <tr>
```

```
      <td rowspan="2">Infosys</td>
```

```
      <td>2018</td>
```

```
      <td>6520</td>
```

```
    </tr>
```

```
    <tr>
```

```
      <td>2019</td>
```

```
      <td>7250</td>
```

```
    </tr>
```

```

<tr>

  <td rowspan="2">Wipro</td>

  <td>2018</td>

  <td>1803</td>

</tr>

<tr>

  <td>2019</td>

  <td>1953</td>

</tr>

</table>

</body>

</html>

```

2. Write the HTML code which generates the following output.

This is a header.	
Look in the box at the right for some information.	Here is some information.
This is a footer.	

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Simple Layout</title>

```

```

</head>
<body>
  <table border="1" width="100%" height="400">
    <tr height="100">
      <td colspan="2" align="center"><b>This is a header.</b></td>
    </tr>
    <tr>
      <td width="30%" valign="top">Look in the box at the right for some information.</td>
      <td width="70%" valign="top">Here is some information.</td>
    </tr>
    <tr height="100">
      <td colspan="2" align="center"><b>This is a footer.</b></td>
    </tr>
  </table>
</body>
</html>

```

3. Write the HTML code to display the rainbow color names using Ordered List. Modify the code to display each color name with the same color of rainbow using font tag. Apply page background color as black.

```

<!DOCTYPE html>
<html lang="en">
<head>

  <h1><title>Rainbow Colors</title></h1>
</head>
<body bgcolor="black">

```

```
<h1><font color="white">Rainbow Colors</font></h1>
```

```
<ol>
```

```
  <li><font color="red">Red</font></li>
```

```
  <li><font color="orange">Orange</font></li>
```

```
  <li><font color="yellow">Yellow</font></li>
```

```
  <li><font color="green">Green</font></li>
```

```
  <li><font color="blue">Blue</font></li>
```

```
  <li><font color="indigo">Indigo</font></li>
```

```
  <li><font color="violet">Violet</font></li>
```

```
</ol>
```

```
</body>
```

```
</html>
```

4. Write the HTML code which generates the following output.

feedback Form

Teacher Name:

Subject:

Rating:

- ☐ Excellent
☐ Very Good
☐ Good

```
<!DOCTYPE html>
```

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

```
<head>
```

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

```
  <title>Feedback Form</title>
```

```
</head>
```

```
<body>
```

```

<h1>feedback Form</h1>

<form>

  <label for="teacherName">Teacher Name:</label>

  <input type="text" id="teacherName" name="teacherName"><br><br>

  <label for="subject">Subject:</label>

  <input type="text" id="subject" name="subject"><br><br>

  <p>Rating:</p>

  <input type="radio" id="excellent" name="rating" value="excellent">

  <label for="excellent">Excellent</label><br>

  <input type="radio" id="veryGood" name="rating" value="veryGood">

  <label for="veryGood">Very Good</label><br>

  <input type="radio" id="good" name="rating" value="good">

  <label for="good">Good</label><br><br>

  <input type="submit" value="Submit">

</form>

</body>

</html>

```

5. Create an html page with following specifications . i) The Background colour should be green. ii) The text colour should be red. iii) The heading should be large in size as ' My Assignment'. iv) Display a horizontal line after the heading. v) Display your name in Bold, address in Italics and year as S.Y

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>My Assignment</title>

</head>

<body bgcolor="green" text="red">

```

```

<h1>My Assignment</h1>

<hr>

<p><b>Your Name</b></p>

<p><i>Your Address</i></p>

<p>S.Y</p>

</body>

</html>

```

6. Write the HTML code which generates the following output.

Enter Your Name:

Enter Your Password:

Which of the following Operating System you have used?

☐ LINUX ☐ Windows XP ☐ Macintosh 8.0

Which oprating system do you like best?

☐ LINUX ☐ Windows ☐ Macintosh 8.0

You have Completed the Form.

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Operating System Preference Form</title>

</head>

<body>

  <form>

    <fieldset>

      <label for="name">Enter Your Name:</label>

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

```

```

<label for="password">Enter Your Password:</label>

<input type="password" id="password" name="password"><br><br>

<p>Which of the following Operating System you have used?</p>

<input type="checkbox" id="linux" name="os_used" value="LINUX">

<label for="linux">LINUX</label>

<input type="checkbox" id="windows_xp" name="os_used" value="Windows XP">

<label for="windows_xp">Windows XP</label>

<input type="checkbox" id="macintosh" name="os_used" value="Macintosh 8.0">

<label for="macintosh">Macintosh 8.0</label><br><br>

<p>Which oprating system do you like best?</p>

<input type="radio" id="linux_best" name="os_best" value="LINUX">

<label for="linux_best">LINUX</label>

<input type="radio" id="windows_best" name="os_best" value="Windows">

<label for="windows_best">Windows</label>

<input type="radio" id="macintosh_best" name="os_best" value="Macintosh 8.0">

<label for="macintosh_best">Macintosh 8.0</label><br><br>

<p>You have Completed the Form.</p>

<input type="submit" value="Submit">

</fieldset>

</form>

</body>

</html>

```

7. Create HTML page with following specifications

i) Title should be about yourself.

- ii) color of the background should be pink.
 - iii) Place your name at the top of page in large text and centered.
 - iv) Add names of your family members each in different size, color, style and font.
 - v) Add scrolling text about your family.
-

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>About Myself</title>

</head>

<body bgcolor="pink">

  <!-- Name at the top of the page in large text and centered -->

  <h1 align="center">Your Name</h1>


  <!-- Family members with different font sizes, colors, styles, and fonts -->

  <p><font size="5" color="blue" face="Arial">Father's Name</font></p>

  <p><font size="4" color="green" face="Courier">Mother's Name</font></p>

  <p><font size="3" color="red" face="Verdana"><i>Sibling's Name</i></font></p>

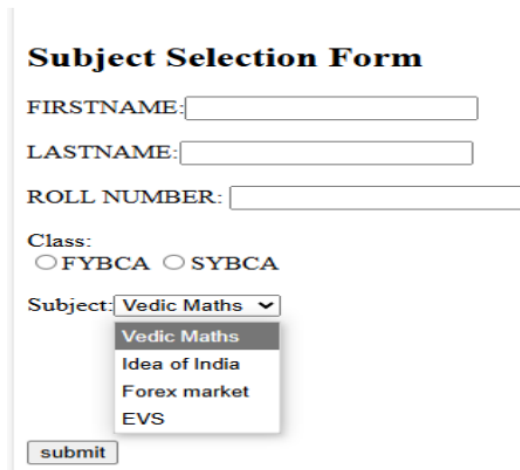

  <!-- Scrolling text about your family -->

  <marquee>We are a happy family, and we love spending time together!</marquee>

</body>

</html>
```

8. Write HTML code to create following form.



The screenshot shows a web form titled "Subject Selection Form". It contains the following elements: three text input fields for "FIRSTNAME:", "LASTNAME:", and "ROLL NUMBER:"; a "Class:" label with two radio button options, "FYBCA" and "SYBCA"; a "Subject:" label with a dropdown menu currently showing "Vedic Maths" and a list of other subjects: "Idea of India", "Forex market", and "EVS"; and a "submit" button at the bottom.

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Subject Selection Form</title>

</head>

<body>

  <h2>Subject Selection Form</h2>

  <form>

    <label for="firstname">FIRSTNAME:</label>

    <input type="text" id="firstname" name="firstname"><br><br>

    <label for="lastname">LASTNAME:</label>

    <input type="text" id="lastname" name="lastname"><br><br>

    <label for="rollnumber">ROLL NUMBER:</label>

    <input type="text" id="rollnumber" name="rollnumber"><br><br>

    <label>Class:</label>
```

```
<input type="radio" id="fybca" name="class" value="FYBCA">
<label for="fybca">FYBCA</label>

<input type="radio" id="sybca" name="class" value="SYBCA">
<label for="sybca">SYBCA</label><br><br>

<label for="subject">Subject:</label>
<select id="subject" name="subject">
  <option value="vedic_maths">Vedic Maths</option>
  <option value="idea_of_india">Idea of India</option>
  <option value="forex_market">Forex market</option>
  <option value="evs">EVS</option>
</select><br><br>

<input type="submit" value="submit">
</form>
</body>
</html>
```

9. Write a JavaScript program to print factorial of a given number.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Factorial Calculation</title>
  <script>
    function calculateFactorial() {
      // Get the number input from the user
      var number = document.getElementById("number").value;
```

```

var factorial = 1;

// Calculate the factorial
for (var i = 1; i <= number; i++) {
    factorial *= i;
}

// Display the result
document.getElementById("result").innerHTML = "Factorial of " + number + " is: " + factorial;
}
</script>
</head>
<body>
    <h1>Factorial Calculator</h1>
    <p>Enter a number:</p>
    <input type="number" id="number">
    <button onclick="calculateFactorial()">Calculate Factorial</button>
    <p id="result"></p>
</body>
</html>

```

10. Write HTML code to generate following output.
(The link should display information about the image)



11. Write HTML code to generate following output.

Tag name	Output
b	Bold
I	<i>Italic</i>
U	<u>Underline</u>

12. Write a JavaScript program to accept radius from user and display area of circle.

13. Write HTML code to generate following output. College names should be red in color and course names should be in blue.

1. MODERN College
 - BCS
 - BCA
2. Indira college
 - BCA
 - MCS

14. Write a JavaScript program to accept radius from user and display area of circle.

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Area of Circle Calculator</title>

  <script>

    function calculateArea() {

      // Get the radius input from the user

      var radius = document.getElementById("radius").value;


      // Calculate the area of the circle ( $\pi r^2$ )

      var area = Math.PI * radius * radius;


      // Display the result

      document.getElementById("result").innerHTML = "The area of the circle is: " + area.toFixed(2)
+ " square units.";

    }

  </script>

</head>

<body>

  <h1>Area of Circle Calculator</h1>

  <p>Enter the radius of the circle:</p>

  <input type="number" id="radius" step="any" placeholder="Enter radius">

  <button onclick="calculateArea()">Calculate Area</button>

  <p id="result"></p>

</body>

</html>
```

15. Create HTML page with following specifications

i) Title should be about yourself.

- ii) colour of the background should be pink.
- iii) Place your name at the top of page in large text and centred.
- iv) Add names of your family members each in different size, colour, style and font.

(Use internal CSS to format the web page)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>About Myself</title>
  <style>
    body {
      background-color: pink; /* Background color */
      text-align: center; /* Center align text */
    }
    h1 {
      font-size: 36px; /* Large text size for name */
    }
    .family-member {
      display: block; /* Each family member name on a new line */
    }
    .father {
      font-size: 28px; /* Size for father's name */
      color: blue; /* Color for father's name */
      font-family: Arial; /* Font for father's name */
    }
    .mother {
      font-size: 24px; /* Size for mother's name */
      color: green; /* Color for mother's name */
      font-family: 'Courier New'; /* Font for mother's name */
    }
  </style>
</head>
<body>
  <h1>About Myself</h1>
  <div>
    <div class="family-member">
      <div class="father">
        Father's Name
      </div>
      <div class="mother">
        Mother's Name
      </div>
    </div>
  </div>
</body>
</html>
```

```

.sibling {
    font-size: 20px; /* Size for sibling's name */
    color: red; /* Color for sibling's name */
    font-family: Verdana; /* Font for sibling's name */
    font-style: italic; /* Italic style for sibling's name */
}
</style>
</head>
<body>
    <h1>Your Name</h1> <!-- Replace "Your Name" with your actual name -->

    <span class="family-member father">Father's Name</span> <!-- Replace with actual name -->
    <span class="family-member mother">Mother's Name</span> <!-- Replace with actual name -->
    <span class="family-member sibling">Sibling's Name</span> <!-- Replace with actual name -->
</body>
</html>

```

16. Write the HTML code to display day wise SYBCA time table in tabular format.

17. Write the HTML code which generates the following output.

Student Registration Form

Enter Name:

Enter Roll number:

Standard:

☐ FY

☐ SY

☐ TY

18. Create HTML page with following specifications i) Title should be about your Car. ii) Color the background by yellow color. iii) Place your car name at the top of page in large text and in green

color. iv) list any two features in your car, each in different color, style(bold/italic etc) and font. v) Add any image at the bottom. (Use CSS to format the web page)

19. Write the HTML code to display following output.

An Unordered List:

- Coffee
- Tea
 - Black Tea
 - Green Tea
- Milk

20. Write the HTML code to display list of any two car companies. For each company display list of two car models. Display car model as hyperlink. On click of car model it should display an image of that car in another window. Use ordered or unordered list of your choice.

21. Write html code to generate following output.

- I. Web Designing
 - 1 HTML
 - 2 CSS
 - a. Internal
 - b. External
 - 3 JavaScript
 - II. Data Science
-

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

```
  <title>Course Topics</title>
```

```
</head>
```

```
<body>
```

```
  <h1>Web Designing</h1>
```

```
  <ol>
```

```
    <li>HTML</li>
```



```
<li>CSS
  <ol>
    <li>Internal</li>
    <li>External</li>
  </ol>
</li>
<li>JavaScript</li>
</ol>
<h1>Data Science</h1>
</body>
</html>
```

22. Create an html page with following specifications.

- Title should be about my City.
- Place your City name at the center of the page in large text and in blue color.
- Add names of landmarks in your city each in a different color, style and type face.
- Add scrolling text with a message of your choice.
- Add some related image at the bottom.

Use CSS for styling

23. Write html code to generate following output.

- Cricket Player
 - Batsman
 - Sachin Tendulkar
 - Rahul Dravid
 - Virendra Sehwag
 - Bowler
 - Kumble
 - zaheer Khan
 - Balaji
 - Spinner
 - Harbhajan
 - Kumble
 - Kartik

24. Write the HTML code which generates the following output. SYBCA should be at centre. Background colour should be blue and text colour should be yellow.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>SYBCA</title>
</head>
<body bgcolor="blue" text="yellow">
  <h1 align="center">SYBCA</h1>
</body>
</html>
```