

SLIP-1

Q1. Write a JavaScript program to calculate the volume of a sphere.

Input radius value and get the volume of a sphere.

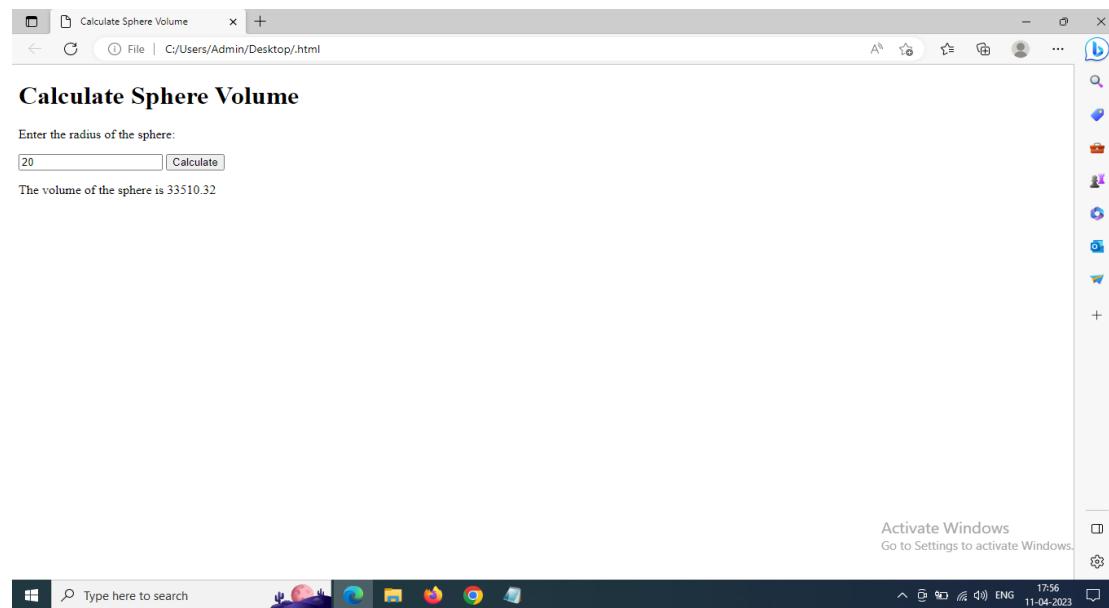
Radius

Volume

Ans:- CODE

```
<!DOCTYPE html>
<html>
  <head>
    <title>Calculate Sphere Volume</title>
    <script>
      function calculateVolume() {
        var radius = document.getElementById("radius").value
        var volume = (4/3) * Math.PI * Math.pow(radius, 3);
        document.getElementById("result").innerHTML = "The volume of the sphere is " + volume.toFixed(2);
      }
    </script>
  </head>
  <body>
    <h1>Calculate Sphere Volume</h1>
    <p>Enter the radius of the sphere:</p>
    <input type="number" id="radius">
    <button onclick="calculateVolume()">Calculate</button>
    <p id="result"></p>
  </body>
</html>
```

OUTPUT:-



Q2. Create HTML page to Divide the frames in to different sections as shown below and add appropriate HTML files to each frame.

First Frame : Your Name and address		
Second Frame : Bulleted list of favourite colours		Third Frame : Numbered List of Cities
Fourth Frame: Scrolling Message	Fifth Frame: Blinking Reminders	Sixth Frame: Name of Countries

Ans:- CODE

```
<!DOCTYPE html>
<html>
<frameset rows="*,*,*">
<frameset cols="* *>
<frame src="name_address.html">
</frameset>
<frameset cols="*,*">
<frame src="favorite_colors.html">
<frame src="numbered_cities.html">
</frameset>
<frameset cols="* * *">
<frame src="Follow link (ctrl + click) \n1">
<frame src="blinking_reminders.html">
<frame src="name_of_countries.html">
</frameset>
</frameset>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
    <title>Name and Address</title>
</head>
<body>
    <center>
        <h1>My Name and Address</h1>
        <p>Ashish R Solanki</p>
        <p>Vishrantwadi, Pune-411015</p>
    </center>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
    <title>Favorite Colors</title>
</head>
<body>
    <h1>My Favorite Colors</h1>
    <ul>
        <li>Blue</li>
        <li>Green</li>
        <li>Red</li>
    </ul>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
    <title>Numbered Cities</title>
</head>
<body>
    <h1>Numbered List of Cities</h1>
    <ol>
        <li>Pune</li>
        <li>Mumbai</li>
        <li>Bangalore</li>
    </ol>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
    <title>Scrolling Message</title>
</head>
<body>
    <h1>Scrolling Message</h1>
    <marquee>This is a scrolling message!</marquee>
</body>
</html>
```

```

<!DOCTYPE html>
<html>
<head>
    <title>Blinking Reminders</title>
</head>
<body>
    <h1>Blinking Reminders</h1>
    <blink>How Are You</blink>
</body>
</html>

<!DOCTYPE html>
<html>
<head>
    <title>Numbered Cities</title>
</head>
<body>
    <h1>Numbered List of Cities</h1>
    <ol>
        <li>India</li>
        <li>Pakistan</li>
        <li>Bangladesh</li>
    </ol>
</body>
</html>

```

Output:-

The screenshot shows a Windows desktop environment with a browser window open. The browser title bar reads "My Name and Address". The page content displays four separate HTML snippets:

- My Favorite Colors:** A list of colors: Blue, Green, Red.
- Numbered List of Cities:** A numbered list of cities: 1. Pune, 2. Mumbai, 3. Bangalore.
- Scrolling Message:** The text "This is a scrolling message!" displayed in a red box.
- Blinking Reminders:** The text "How Are You" displayed in a red box, with the word "How Are You" underlined and in a larger font size, indicating it is a `<blink>` element.
- Numbered List of Cities:** A numbered list of cities: 1. India, 2. Pakistan, 3. Bangladesh.

The browser's address bar shows the file path "D:/HTML/HTML.html". The taskbar at the bottom includes icons for File Explorer, Google Chrome, and other system icons. The system tray shows the date and time as "12-Apr-2023 18:40".

SLIP-2

Q1. Write a java script program to accept a number from user and display its multiplication table

ANS:-CODE

```
<!DOCTYPE html>
<html>
  <head>
    <title>Multiplication Table</title>
    <script>
      function generateTable() {
        var number = document.getElementById("number").value;
        var table = document.getElementById("table");
        table.innerHTML = "";
        for (var i = 1; i <= 10; i++) {
          var row = table.insertRow(i-1);
          var cell1 = row.insertCell(0);
          var cell2 = row.insertCell(1);
          cell1.innerHTML = i;
          cell2.innerHTML = i * number;
        }
      }
    </script>
  </head>
  <body>
    <h1>Multiplication Table</h1>
    <p>Enter a number:</p>
    <input type="number" id="number">
    <button onclick="generateTable()">Generate Table</button>
    <table id="table">
    </table>
  </body>
</html>
```

OUTPUT:-

The screenshot shows a Microsoft Edge browser window titled "Multiplication Table". The page content includes a heading "Multiplication Table", a prompt "Enter a number:", and an input field containing the value "10". Below the input field is a button labeled "Generate Table". The generated multiplication table for 10 is displayed as follows:

1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100

At the bottom right of the browser window, there is a watermark that reads "Activate Windows Go to Settings to activate Windows." The system tray at the bottom of the screen shows the date and time as "11-04-2023 18:06" and the language as "ENG".

Q.2 Write the HTML code to create the following table. Use internal CSS to format the table.

Book_No	Book_Name	Price	
		RS	Paise
101	DBMS	200	50
102	C-Prog	150	75
103	JAVA	300	00
104	PHP	250	50
105	ASP	100	00

ANS:-CODE

```

<!DOCTYPE html>
<html>
<title>assignment3</title>
<body>
<table width="50%" align="left" cellpadding="1" cellspacing="5" border="3">

<tr align="center">
<td rowspan="2">Book_No</td>
<td rowspan="2">Book_Name</td>
<td colspan="2">Price</td>
</tr>

<tr>
<td width="25%" align="center">RS</td>
<td width="25%" align="center">Paise</td>
</tr>

<tr>
<td>101</td>
<td>DBMS</td>
<td>200</td>
<td>50</td>
</tr>

<tr>
<td>102</td>
<td>C-Prog</td>
<td>150</td>
<td>75</td>
</tr>

<tr>

```

```

<td>103</td>
<td>JAVA</td>
<td>300</td>
<td>00</td>
</tr>

<tr>
    <td>104</td>
    <td>PHP</td>
    <td>250</td>

    <td>50</td>
</tr>

<tr>
    <td>105</td>
    <td>ASP</td>
    <td>100</td>
    <td>00</td>
</tr>
</table>
</body>
</html>

```

OUTPUT:-

Book_No	Book_Name	Price	
		RS	Paise
101	DBMS	200	50
102	C-Prog	150	75
103	JAVA	300	00
104	PHP	250	50
105	ASP	100	00

Activate Windows
Go to Settings to activate Windows.



SLIP-3

Q1. Write a java script program to accept a number from user and calculate and display its sum of digits.

ANS:-CODE

```
<!DOCTYPE html>
<html>
  <head>
    <title>Sum of Digits</title>
    <script>
      function sumOfDigits() {
        let number = document.getElementById("number").value;
        let numberString = number.toString();
        let sum = 0;
        for (let i = 0; i < numberString.length; i++) {
          sum += Number(numberString[i]);
        }
        document.getElementById("output").innerHTML = "The sum of digits of " + number + " is " + sum;
      }
    </script>
  </head>
  <body>
    <h1>Sum of Digits</h1>
    <label for="number">Enter a number:</label>
    <input type="number" id="number">
    <br><br>
    <button onclick="sumOfDigits()">Calculate Sum of Digits</button>
    <br><br>
    <div id="output"></div>
  </body>
</html>
```

OUTPUT:-



Sum of Digits

Enter a number: 21

The sum of digits of 21 is 3

Activate Windows
Go to Settings to activate Windows.



Q2. Write HTML code to design a web as per given specification. Divide the browser screen into two frames. The first frame will display the heading. Divide the second frame into two columns. The frame on the left should be name of cities consisting of hyperlinks. Clicking on any one of these hyperlinks will display related information in right hand side frame as shown below

IT Industries in INDIA	
City	Pune
1. Pune	• Infosys
2. Mumbai	• Persistent

ANS:-CODE

```
<!DOCTYPE html>
<html>
<frameset rows="30%,*">
<frame src="header.html" name="frame1">
<frameset cols="30%,*"
<frame src="links.html" name="frame2">
<frame src="pune.html" name="frame3">
</frameset>
</frameset>
</html>

<html>
<body>
|   |   <h1 align="center"><font color="black">IT Industries in India</FONT> </H1>
</BODY>
</HTML>

<html>
|   <head>
|   |   <title> Frame Example</title>
|   </head>
<body>
|   <b>City</b><br>
<ol type="1">
<li><a href="pune.html" target="frame3">Pune</A></li><br>
<li><a href="b.html" target="frame3">Mumbai</A></li><br> </ol>
</body>
</html>
```

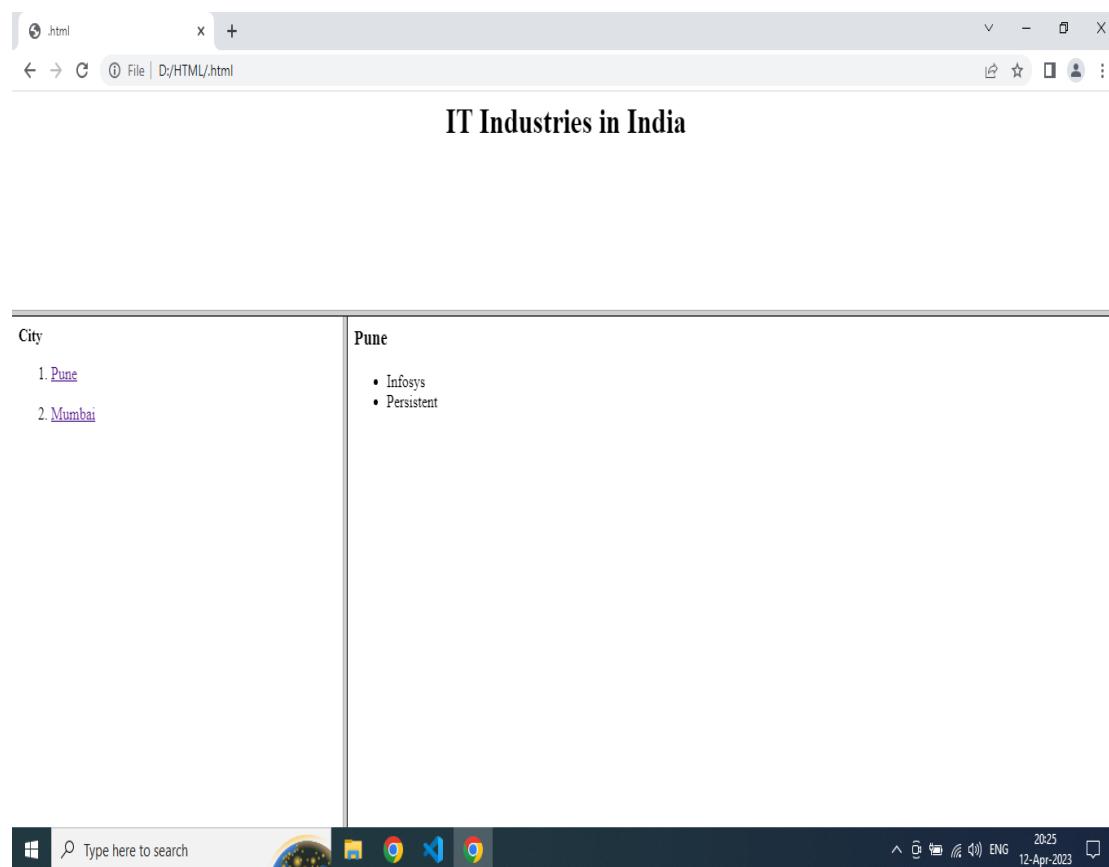
```

<html>
    <body>
        <h3>Pune</h3>
        <ul type="disc">
            <li>Infosys</li>
            <li>Persistent</li>
        </ul>
    </body>
</html>

<html>
    <body>
        <h3>Mumbai</h3>
        <ul type="disc">
            <li>Ambani Ltd.</li>
            <li>Adani Ent.</li>
        </ul>
    </body>
</html>

```

OUTPUT:-



SLIP-4

Q1. Write a java script program to accept a number from user and check whether it is Armstrong number or not

ANS:-CODE

```
<!DOCTYPE html>
<html>
  <head>
    <title>Armstrong Number Checker</title>
    <script>
      function checkArmstrong() {
        let num = document.getElementById("number").value;
        let sum = 0;
        let temp = num;
        let len = num.length;

        while (temp > 0) {
          let digit = temp % 10;
          sum += Math.pow(digit, len);
          temp = Math.floor(temp / 10);
        }

        if (num == sum) {
          document.getElementById("result").innerHTML = num + " is an Armstrong number";
        } else {
          document.getElementById("result").innerHTML = num + " is not an Armstrong number";
        }
      }
    </script>
  </head>
  <body>
    <h1>Armstrong Number Checker</h1>
    <label for="number">Enter a number:</label>
    <input type="number" id="number">
    <button onclick="checkArmstrong()">Check</button>
    <p id="result"></p>
  </body>
</html>
```

Activ
Go to

OUTPUT:-



Armstrong Number Checker

Enter a number:

2 is an Armstrong number

Activate Windows
Go to Settings to activate Windows.



Q2. Create HTML web page with following specifications

- i) Title should be about your College.
- ii) Put image in the background
- iii) Place your college name at the top of page in large text followed by address in smaller size.
- iv) Add names of courses offered, each in different color, style and font
- v) Add scrolling text about college.
- vi) Add any image at the bottom.

(use External CSS to format the webpage)

ANS:-CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>About My College</title>
    <style>
        body {
            background-image:C:\Users\Admin\Pictures\img.webp;
            background-size: cover;
            background-position: center center;
            background-attachment: fixed;
            color: #13e447;
            font-family: Arial, sans-serif;
        }

        h1 {
            font-size: 48px;
            margin-top: 50px;
            margin-bottom: 20px;
            text-align: center;
            text-shadow: 2px 2px #000;
        }

        p {
            font-size: 24px;
            margin-top: 0;
        }

        .course {
            font-size: 28px;
            margin-bottom: 10px;
        }

        .course-cse {
            color: #ff9900;
            font-style: italic;
            font-weight: bold;
        }
    </style>
</head>
<body>
    <h1>About My College</h1>
    <p>College Name</p>
    <ul style="list-style-type: none;">
        <li>Course 1</li>
        <li>Course 2</li>
        <li>Course 3</li>
        <li>Course 4</li>
        <li>Course 5</li>
    </ul>
</body>
</html>
```

```

}
.course-eee {
    color: #00ccff;
    font-style: normal;
    font-weight: normal;
    font-family: 'Times New Roman', serif;
}
.course-mech {
    color: #cc00cc;
    font-style: normal;
    font-weight: bold;
    font-family: 'Courier New', monospace;
}

```

</style>

</head>

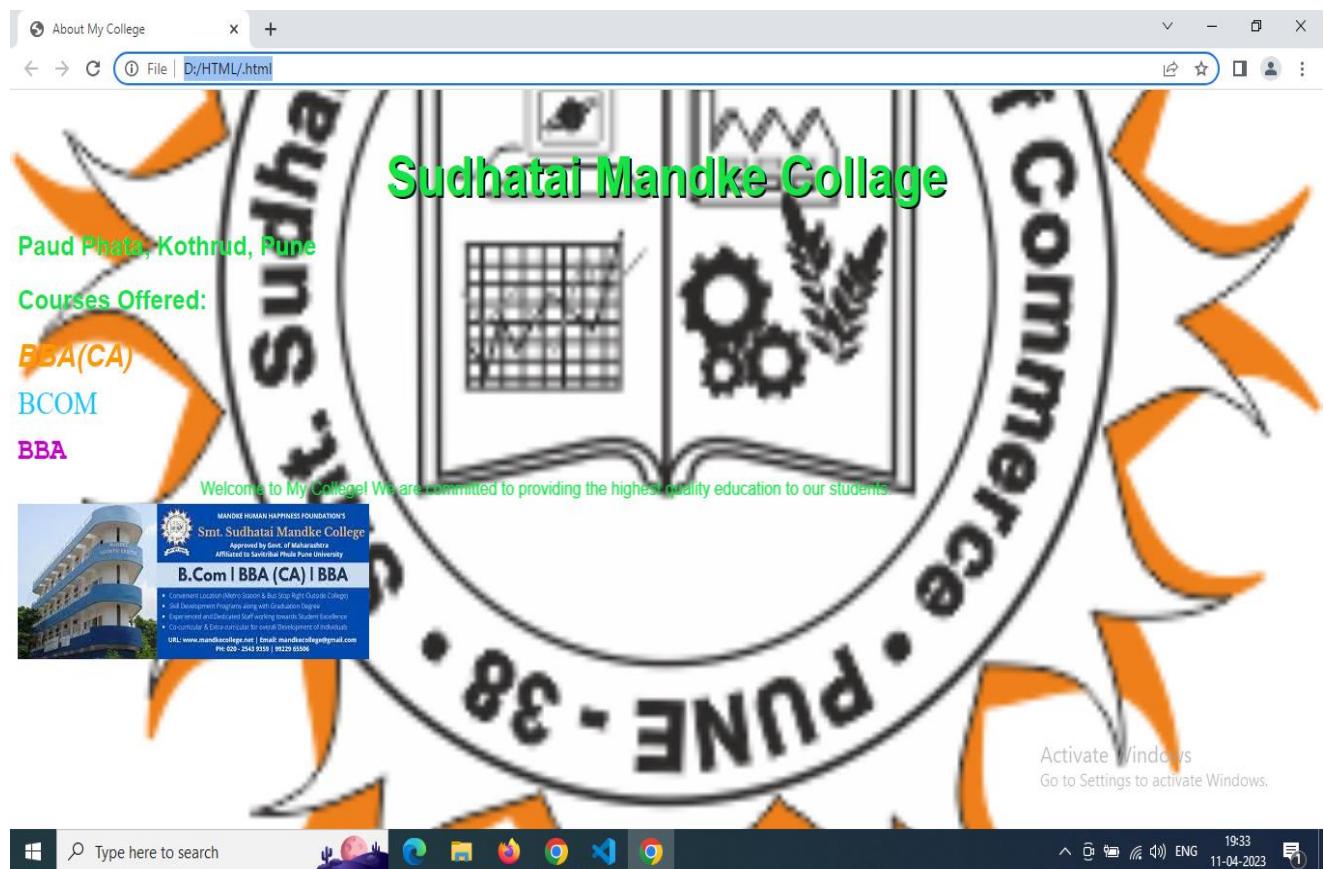
<body background="C:\Users\Admin\Pictures\logo.png">

- <h1>Sudhatai Mandke Collage </h1>
- <h2 text-align: center>Paud Phata, Kothrud, Pune</h2>
- <h2>Courses Offered:</h2>
- <p class="course course-cse">BBA(CA)</p>
- <p class="course course-eee">BCOM</p>
- <p class="course course-mech">BBA</p>
- <div class="scrolling-text">
- <marquee behavior="" direction=""> Welcome to My College! We are committed to providing the highest quality education to our students. </marquee>
- </div>
-

</body>

</html>

OUTPUT:-



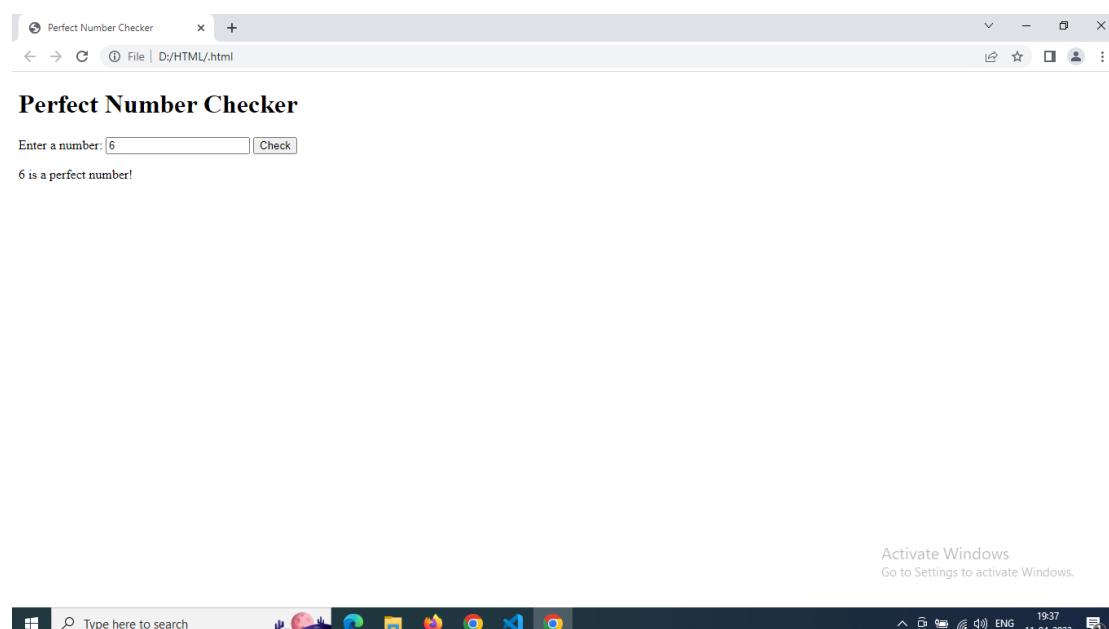
SLIP-5

Q.1 Write a java script program to accept a number from user and check whether it is perfect number or not

ANS:- CODE

```
<!DOCTYPE html>
<html>
  <head>
    <title>Perfect Number Checker</title>
    <script>
      function checkPerfectNumber() {
        var inputNumber = parseInt(document.getElementById("inputNumber").value);
        var sumOfDivisors = 1;
        for (var i = 2; i <= inputNumber / 2; i++) {
          if (inputNumber % i === 0) {
            sumOfDivisors += i;
          }
        }
        if (sumOfDivisors === inputNumber) {
          document.getElementById("result").innerHTML = inputNumber + " is a perfect number!";
        } else {
          document.getElementById("result").innerHTML = inputNumber + " is not a perfect number.";
        }
      }
    </script>
  </head>
  <body>
    <h1>Perfect Number Checker</h1>
    <label for="inputNumber">Enter a number:</label>
    <input type="number" id="inputNumber">
    <button onclick="checkPerfectNumber()">Check</button>
    <p id="result"></p>
  </body>
</html>
```

OUTPUT:-

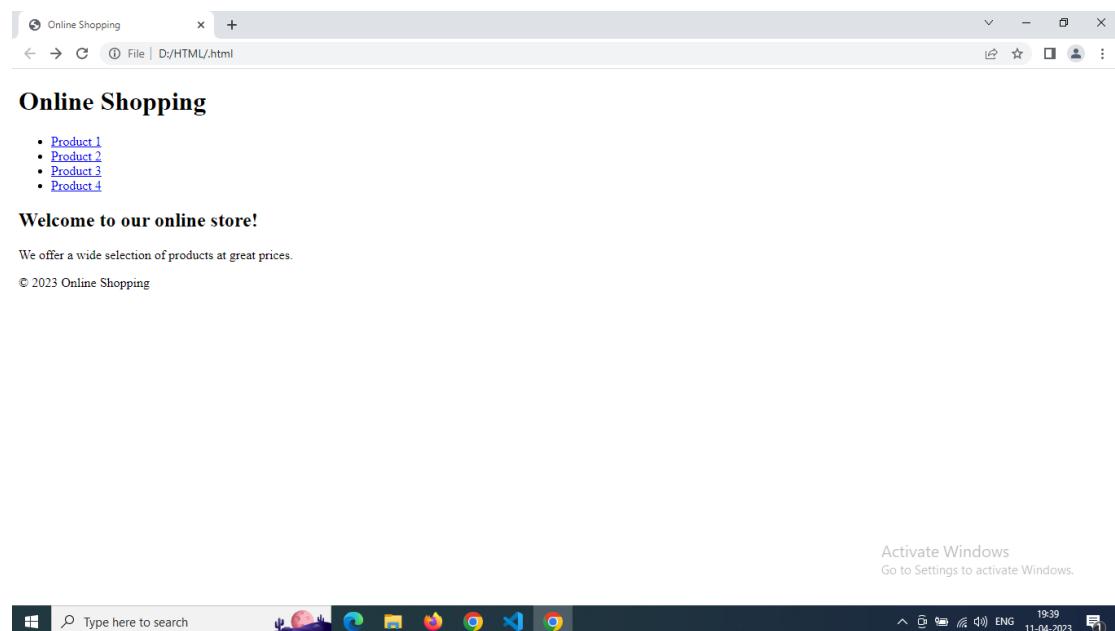


Q2. Write HTML code to design a website for Online Shopping. Design home page which consist of list of items each with hyperlink, clicking on which should display related information on separate web page. (Use external CSS to format each web page)

ANS:- CODE

```
<!DOCTYPE html>
<html>
  <head>
    <title>Online Shopping</title>
    <link rel="stylesheet" type="text/css" href="style.css">
  </head>
  <body>
    <header>
      <h1>Online Shopping</h1>
    </header>
    <nav>
      <ul>
        <li><a href="product1.html">Product 1</a></li>
        <li><a href="product2.html">Product 2</a></li>
        <li><a href="product3.html">Product 3</a></li>
        <li><a href="product4.html">Product 4</a></li>
      </ul>
    </nav>
    <main>
      <h2>Welcome to our online store!</h2>
      <p>We offer a wide selection of products at great prices.</p>
    </main>
    <footer>
      <p>© 2023 Online Shopping</p>
    </footer>
  </body>
</html>
```

OUTPUT:-



SLIP-6

Q1. Write java script program to accept a number from user and check whether it is prime number or not

ANS:- CODE

```
<!DOCTYPE html>
<html>
  <head>
    <title>Prime Number Checker</title>
    <script>
      function checkPrime() {
        var num = document.getElementById("num").value;
        var isPrime = true;
        for (var i = 2; i <= Math.sqrt(num); i++) {
          if (num % i == 0) {
            isPrime = false;
            break;
          }
        }
        if (num == 1) {
          isPrime = false;
        }
        if (isPrime) {
          document.getElementById("result").innerHTML = num + " is a prime number.";
        } else {
          document.getElementById("result").innerHTML = num + " is not a prime number.";
        }
      }
    </script>
  </head>
  <body>
    <h1>Prime Number Checker</h1>
    <p>Enter a number:</p>
    <input type="number" id="num">
    <button onclick="checkPrime()">Check</button>
    <p id="result"></p>
  </body>
</html>
```

OUTPUT:-



Prime Number Checker

Enter a number:

124 is not a prime number.

Activate Windows
Go to Settings to activate Windows.

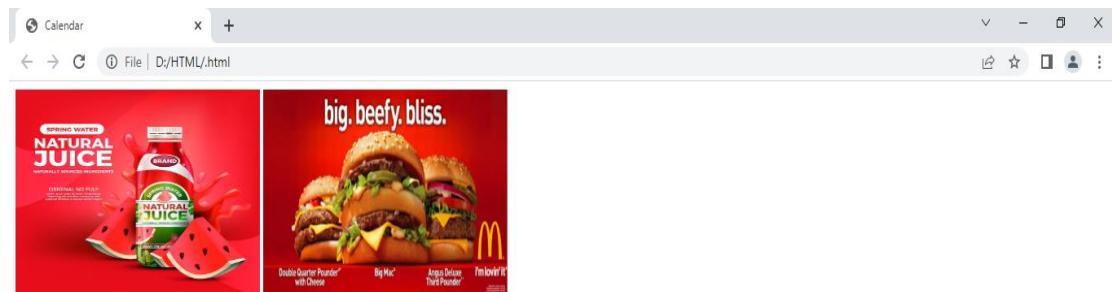


Q2. Write a HTML code to display calendar of current month in tabular format. Use proper color for week days and holidays. Display month name, year and images as advertisement at the beginning of the calendar.

ANS:- CODE

```
<!DOCTYPE HTML>
<HTML>
  <HEAD>
    <TITLE> Calendar </TITLE>
    <style>
      table {
        border-collapse: collapse;
        margin: auto;
      }
      td {
        border: 1px solid #rgb(164, 218, 15);
        padding: 10px;
        text-align: center;
      }
      th {
        padding: 10px;
        text-align: center;
        background-color: #333;
        color: #fff;
      }
      .weekday {
        background-color: #ffffcc;
      }
      .holiday {
        background-color:
      }
    </style>
  </HEAD>
  <BODY>
    
    
    <TABLE Cellpadding="10?>
      <CAPTION><H1>April 2023</H1></CAPTION>
      <TR>
        <TH><font color="red">SUN</font></TH><TH>MON</TH><TH>TUS</TH>
        <TH>WED</TH><TH>THU</TH><TH>FRI</TH><TH>SAT</TH>
      <TR>
        <TH><font color="red"><b>30</b></font></TH><TH>1</TH><TH>2</TH><TH>3</TH><TH>4</TH>
        <TH>5</TH><TH>6</TH><TH>7</TH><TH>8</TH>
      <TR>
        <TH><font color="red"><b>9</b></font></TH><TH>10</TH><TH>11</TH>
        <TH>12</TH><TH>13</TH><TH>14</TH><TH>15</TH>
      <TR>
        <TH><font color="red"><b>16</b></font></TH><TH>17</TH><TH>18</TH>
        <TH>19</TH><TH>20</TH><TH>21</TH><TH>22</TH>
      <TR>
        <TH><font color="red"><b>23</b></font></TH><TH>24</TH><TH>25</TH>
        <TH>26</TH><TH>27</TH><TH>28</TH><TH>29</TH>
      <TR>
    </TABLE>
  </BODY>
</HTML>
```

OUTPUT:-



April 2023

SUN	MON	TUS	WED	THU	FRI	SAT
30					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

Activate Windows
Go to Settings to activate Windows.



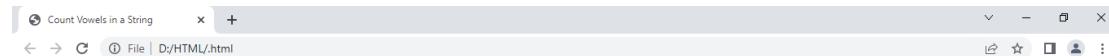
SLIP-7

Q1. Write a java script program to accept a string from user and display the count of vowel characters from that string

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Count Vowels in a String</title>
    <script>
        function countVowels() {
            const str = document.getElementById("inputString").value;
            const vowels = ['a', 'e', 'i', 'o', 'u'];
            let count = 0;
            for (let i = 0; i < str.length; i++) {
                if (vowels.includes(str[i].toLowerCase())) {
                    count++;
                }
            }
            document.getElementById("result").innerHTML = `The string "${str}" contains ${count} vowel(s).`;
        }
    </script>
</head>
<body>
    <h1>Count Vowels in a String</h1>
    <p>Enter a string:</p>
    <input type="text" id="inputString">
    <br><br>
    <button onclick="countVowels()">Count Vowels</button>
    <p id="result"></p>
</body>
</html>
```

OUTPUT:-



Count Vowels in a String

Enter a string:

The string "Ashish" contains 2 vowel(s).

Activate Windows
Go to Settings to activate Windows.



Q2. Write a HTML code to display Theory Time Table of FYBBA(CA).
Use internal CSS to format the table

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Theory Time Table of FYBBA(CA)</title>
    <style>
        table {
            border-collapse: collapse;
            width: 100%;
            margin-bottom: 20px;
        }
        th, td {
            text-align: center;
            padding: 10px;
            border: 1px solid #ddd;
        }
        th {
            background-color: #f2f2f2;
        }
        caption {
            font-size: 24px;
            font-weight: bold;
            margin-bottom: 10px;
        }
    </style>
</head>
<body>
    <table>
        <caption>Theory Time Table of FYBBA(CA)</caption>
        <tr>
            <th>Day/Time</th>
            <th>8:40-9:20</th>
            <th>9:20-10:00</th>
            <th>10:00-10:40</th>
```

```
<th>10:40-11:20</th>
</tr>
<tr>
    <td>Monday</td>
    <td>OB</td>
    <td>Financial Accounting</td>
    <td>Web Tech</td>
    <td>Advance C</td>
</tr>
<tr>
    <td>Tuesday</td>
    <td>Web Tech</td>
    <td>Web Tech</td>
    <td>Financial Accounting</td>
    <td>Practical</td>
</tr>
<tr>
    <td>Wednesday</td>
    <td>RDBMS</td>
    <td>RDBMS</td>
    <td>Practical</td>
    <td>Practical</td>
</tr>
<tr>
    <td>Thursday</td>
    <td>RDBMS</td>
    <td>RDBMS</td>
    <td>OB</td>
    <td>Advance C</td>
</tr>
<tr>
    <td>Friday</td>
    <td>Business Maths</td>
```

```
<td>Business Maths</td>
<td>Web Tech</td>
<td>OB</td>
</tr>
</table>
</body>
</html>
```

OUTPUT:-

The screenshot shows a web browser window with the title bar "Theory Time Table of FYBBA(CA) X". The address bar shows the file path "D:/HTML/1.html". The main content is a table titled "Theory Time Table of FYBBA(CA)".

Day/Time	8:40-9:20	9:20-10:00	10:00-10:40	10:40-11:20
Monday	OB	Financial Accounting	Web Tech	Advance C
Tuesday	Web Tech	Web Tech	Financial Accounting	Practical
Wednesday	RDBMS	RDBMS	Practical	Practical
Thursday	RDBMS	RDBMS	OB	Advance C
Friday	Business Maths	Business Maths	Web Tech	OB

Activate Windows
Go to Settings to activate Windows.



SLIP-8

Q1. Write a java script program to accept a string and character from user and check the count of occurrences of that character in string.

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Count Occurrences of a Character in a String</title>
    <script>
        function countOccurrences() {
            const str = document.getElementById("inputString").value;
            const char = document.getElementById("inputChar").value;
            let count = 0;
            for (let i = 0; i < str.length; i++) {
                if (str[i] === char) {
                    count++;
                }
            }
            document.getElementById("result").innerHTML = `The character "${char}" appears ${count} time(s)`
        }
    </script>
</head>
<body>
    <h1>Count Occurrences of a Character in a String</h1>
    <p>Enter a string:</p>
    <input type="text" id="inputString">
    <p>Enter a character:</p>
    <input type="text" id="inputChar">
    <br><br>
    <button onclick="countOccurrences()">Count Occurrences</button>
    <p id="result"></p>
</body>
</html>
```

OUTPUT:-



Count Occurrences of a Character in a String

Enter a string:

Enter a character:

The character "s" appears 2 time(s) in the string "Ashish".

Activate Windows
Go to Settings to activate Windows.



Q2. Create HTML page with following specifications

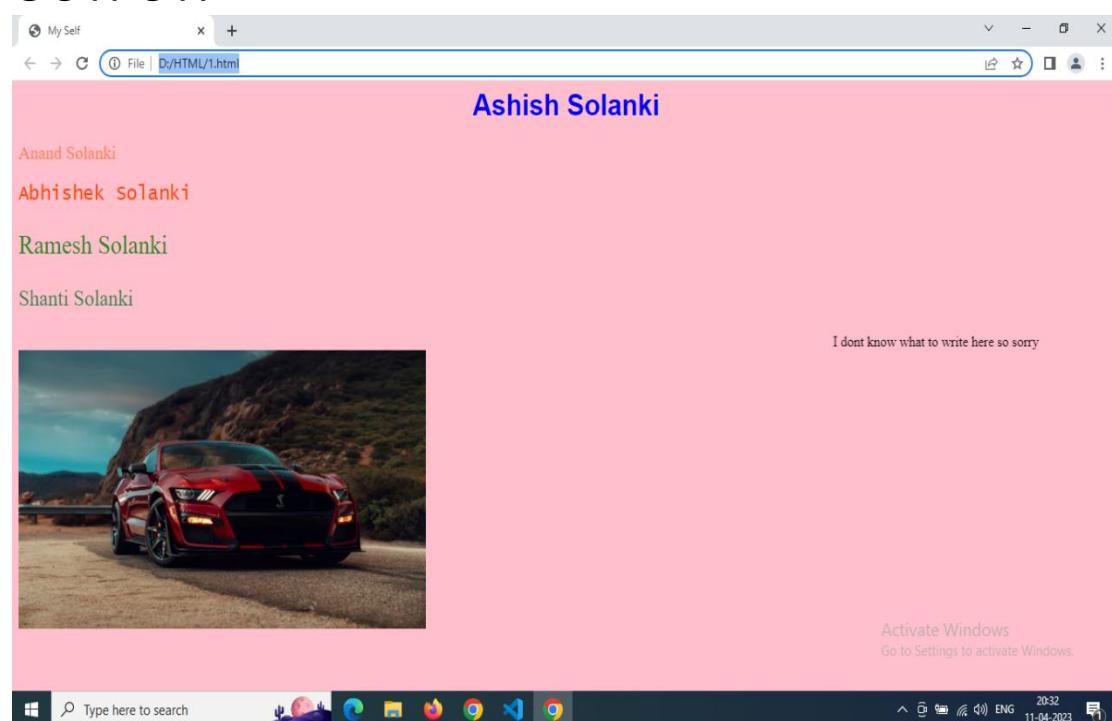
- i) Title should be about your self.
- ii) color the background should be pink.
- iii) Place your name at the top of page in large text and centered.
- iv) Add names of your family members each in different size, color, style and font.
- v) Add scrolling text about your family.
- vi) Add any image at the bottom. (Use internal CSS to format the web page)

ANS:- CODE

```
<html>
<head>
<title>My Self</title>
</head>
<body bgcolor="pink">
<h1 align="center" style="color: blue; font-family:arial; ">Ashish Solanki</h1>
<p style = "font-family:Albertus Extra Bold; color: #FF7F50 ; font-size:20;">Anand Solanki</p>
<p style = "font-family:Lucida Console; color:#FF4500 ; font-size:22;">Abhishek Solanki</p>
<p style = "font-family:Bahnschrift Light SemiCondensed; color:#228B22; font-size:28;">Ramesh Solanki</p>
<p style = "font-family:Godoni Poster; color:#2E8B57; font-size:24;">Shanti Solanki</p>
<marquee>I dont know what to write here so sorry</marquee>

</body>
</html>
```

OUTPUT:-



SLIP-9

Q1. Write a java script program to accept a string and check whether the input string is palindrome string or not

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Palindrome Checker</title>
    <script>
        function checkPalindrome() {
            let inputStr = document.getElementById("inputStr").value;
            let reversedStr = inputStr.split("").reverse().join("");
            if (reversedStr === inputStr) {
                alert(inputStr + " is a palindrome!");
            } else {
                alert(inputStr + " is not a palindrome.");
            }
        }
    </script>
</head>
<body>
    <h1>Palindrome Checker</h1>
    <p>Enter a string to check if it's a palindrome:</p>
    <input type="text" id="inputStr">
    <button onclick="checkPalindrome()">Check</button>
</body>
</html>
```

OUTPUT:-



Activate Windows
Go to Settings to activate Windows.



Q2. Write the HTML code which generates the following output.(use internal CSS to format the table.

Country	Population (in Crores)	
INDIA	1998	85
	1999	90
	2000	100
USA	1998	30
	1999	35
	2000	40
UK	1998	25
	1999	30
	2000	35

ANS:- CODE

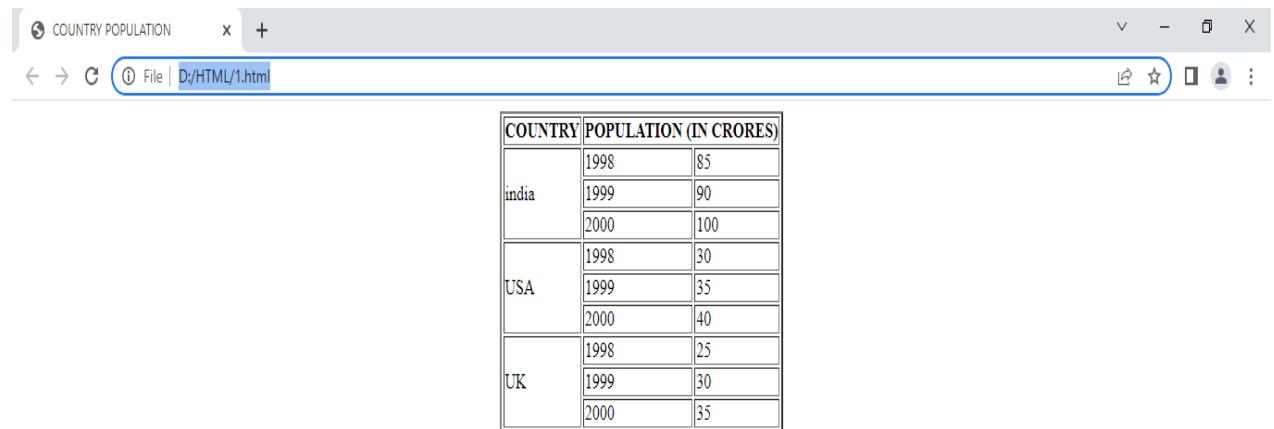
```
<!DOCTYPE html>
<html>
  <head>
    <title> COUNTRY POPULATION</title>
  </head>
  <table border="2px" align="center">
    <tr>
      <th>COUNTRY</th>
      <th colspan="2">POPULATION (IN CRORES)</th>
    <tr>
      <td rowspan="3" align="center">india</td>
      <td>1998</td>
      <td>85</td>
    </tr>
    <tr>
      <td>1999</td>
      <td>90</td>
    </tr>
    <tr>
      <td>2000</td>
      <td>100</td>
    </tr>
    <tr>
      <td rowspan="3" align="center">USA</td>
      <td>1998</td>
      <td>30</td>
    </tr>
    <tr>
      <td>1999</td>
      <td>35</td>
    </tr>
    <tr>
      <td>2000</td>
      <td>40</td>
    </tr>
  </table>
```

```

<tr>
<td rowspan="3" align="center">UK</td>
<td>1998</td>
<td>25</td>
</tr>
<tr>
<td>1999</td>
<td>30</td>
</tr>
<tr>
<td>2000</td>
<td>35</td>
</tr>
</html>

```

OUTPUT:-



The screenshot shows a Microsoft Edge browser window with the title bar "COUNTRY POPULATION". The address bar shows the file path "D:/HTML/1.html". The main content area displays a table with the following data:

COUNTRY	POPULATION (IN CRORES)
india	1998
	1999
	2000
USA	30
	35
	40
UK	25
	30
	35

Activate Windows
Go to Settings to activate Windows.



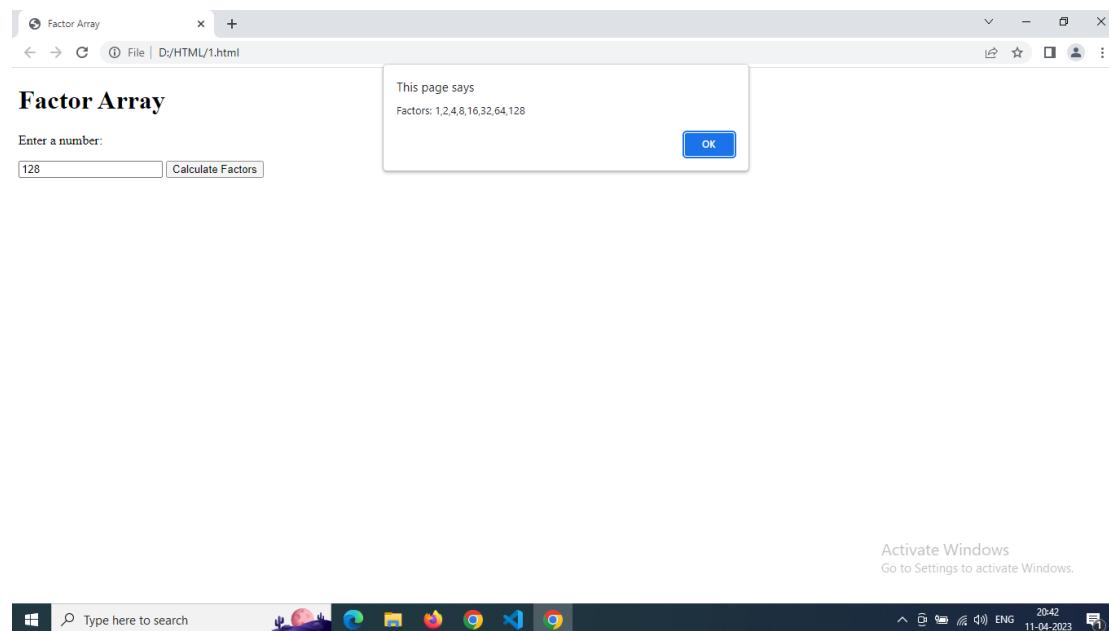
SLIP-10

Q1. Write a JavaScript Program to read a number from user, store its factors into the array and display that array. (Handle on Click Event).

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Factor Array</title>
    <script>
        function factorize() {
            var num = parseInt(document.getElementById("number").value);
            var factors = [];
            for (var i = 1; i <= num; i++) {
                if (num % i == 0) {
                    factors.push(i);
                }
            }
            alert("Factors: " + factors);
        }
    </script>
</head>
<body>
    <h1>Factor Array</h1>
    <p>Enter a number:</p>
    <input type="number" id="number">
    <button onclick="factorize()">Calculate Factors</button>
</body>
</html>
```

OUTPUT:-



Q2. Write HTML code which generates the following output and display each element of list in different size, color & font. Use inline CSS to format the list.

1. DYP

- Courses
 - BCS
 - BCA

2. Indira

- Courses
 - BCA
 - MCs

3. ATSS

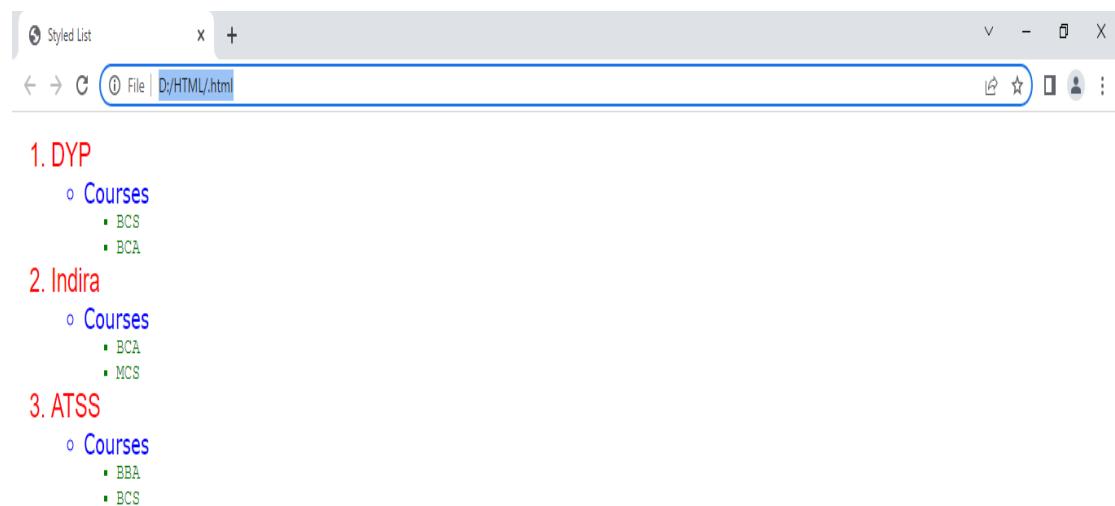
- Courses
 - BBA
 - BCS

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
|   <title>Styled List</title>
</head>
<body>
<ol>
    <li style="font-size: 24px; color: #red; font-family: Arial;">DYP
        <ul>
            <li style="font-size: 20px; color: #blue; font-family: Verdana;">Courses</li>
            <ul>
                <li style="font-size: 16px; color: #green; font-family: Courier;">BCS</li>
                <li style="font-size: 16px; color: #green; font-family: Courier;">BCA</li>
            </ul>
        </ul>
    </li>
    <li style="font-size: 24px; color: #red; font-family: Arial;">Indira
        <ul>
            <li style="font-size: 20px; color: #blue; font-family: Verdana;">Courses</li>
            <ul>
                <li style="font-size: 16px; color: #green; font-family: Courier;">BCA</li>
                <li style="font-size: 16px; color: #green; font-family: Courier;">MCs</li>
            </ul>
        </ul>
    </li>
    <li style="font-size: 24px; color: #red; font-family: Arial;">ATSS
        <ul>
            <li style="font-size: 20px; color: #blue; font-family: Verdana;">Courses</li>
            <ul>
                <li style="font-size: 16px; color: #green; font-family: Courier;">BBA</li>
                <li style="font-size: 16px; color: #green; font-family: Courier;">BCS</li>
            </ul>
        </ul>
    </li>
</ol>
```

```
</li>
</ol>
</body>
</html>
```

OUTPUT:-



Activate Windows
Go to Settings to activate Windows.



SLIP-11

Q1. Write a JavaScript program to accept a string and a position (number) from user and display the character at specified position.

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Display Character at Position</title>
    <script>
        function displayChar() {
            var str = document.getElementById("inputString").value;
            var pos = document.getElementById("inputPosition").value;
            var result = document.getElementById("result");
            if (pos >= 0 && pos < str.length) {
                result.innerHTML = "The character at position " + pos + " is " + str.charAt(pos);
            } else {
                result.innerHTML = "Invalid position!";
            }
        }
    </script>
</head>
<body>
    <h1>Display Character at Position</h1>
    <label for="inputString">Enter a string:</label>
    <input type="text" id="inputString"><br><br>
    <label for="inputPosition">Enter a position:</label>
    <input type="number" id="inputPosition"><br><br>
    <button onclick="displayChar()">Display Character</button><br><br>
    <div id="result"></div>
</body>
</html>
```

OUTPUT:-



Display Character at Position

Enter a string:

Enter a position:

The character at position 4 is S

Activate Windows
Go to Settings to activate Windows.



Q2. Write HTML code which generates the following output and display each element of list in different size, color & font. Use external CSS to format the list

- Non flowering plants
 - Fern
 - Spore
- Flowering plants
 - Lilly
 - Rose
 - 1. Red Rose
 - 2. Pink Rose

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Formatted List</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <h1>Formatted List</h1>
    <ul>
        <li class="category">Non Flowering Plants</li>
        <ul>
            <li class="subitem">Fern</li>
            <li class="subitem">Spore</li>
        </ul>
        <li class="category">Flowering Plants</li>
        <ul type:'square'>
            <li class="subitem">Lilly</li>
            <li class="subitem">Rose</li>
            <ol>
                <li class="subsubitem">Red Rose</li>
                <li class="subsubitem">Pink Rose</li>
            </ol>
        </ul>
    </ul>
</body>
</html>
```

STYLE.CSS

```
.category {  
    font-size: 24px;  
    color: blue;  
    font-family: Arial;  
}  
  
.subitem {  
    font-size: 18px;  
    color: green;  
    font-family: Verdana;  
}  
  
.subsubitem {  
    font-size: 14px;  
    color: red;  
    font-family: Times New Roman;  
}
```

OUTPUT:-



Formatted List

- Non Flowering Plants
 - Fern
 - Spore
- Flowering Plants
 - Lilly
 - Rose
 - 1. Red Rose
 - 2. Pink Rose

Activate Windows
Go to Settings to activate Windows.



SLIP:-12

Q1.Design a student registration form with fields Name, Address, city and Pin-Code. Write a java script program to perform following validation
i. Check name should not be empty and contain alphabets only
ii. Pin-code must be 6 digits only

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Student Registration Form</title>
    <script>
        function validateForm() {
            var name = document.forms["registration"]["name"].value;
            var address = document.forms["registration"]["address"].value;
            var city = document.forms["registration"]["city"].value;
            var pincode = document.forms["registration"]["pincode"].value;
            if (name == "") {
                alert("Name must be filled out");
                return false;
            }
            if (!/^[a-zA-Z]+$/ .test(name)) {
                alert("Name must contain alphabets only");
                return false;
            }
            if (pincode == "") {
                alert("Pin-code must be filled out");
                return false;
            }
            if (!/^\d{6}$/.test(pincode)) {
                alert("Pin-code must be 6 digits only");
                return false;
            }
        }
    </script>
</head>
<body>
    <h1>Student Registration Form</h1>
    <form name="registration" onsubmit="return validateForm()">

        <label for="name">Name:</label>
        <input type="text" id="name" name="name"><br><br>
        <label for="address">Address:</label>
        <input type="text" id="address" name="address"><br><br>
        <label for="city">City:</label>
        <input type="text" id="city" name="city"><br><br>
        <label for="pincode">Pin-Code:</label>
        <input type="text" id="pincode" name="pincode"><br><br>
        <input type="submit" value="Submit">
    </form>
</body>
</html>
```

OUTPUT:-

Student Registration Form

Name:

Address:

City:

Pin-Code:

Activate Windows
Go to Settings to activate Windows.



Q2. Create HTML page with following specifications

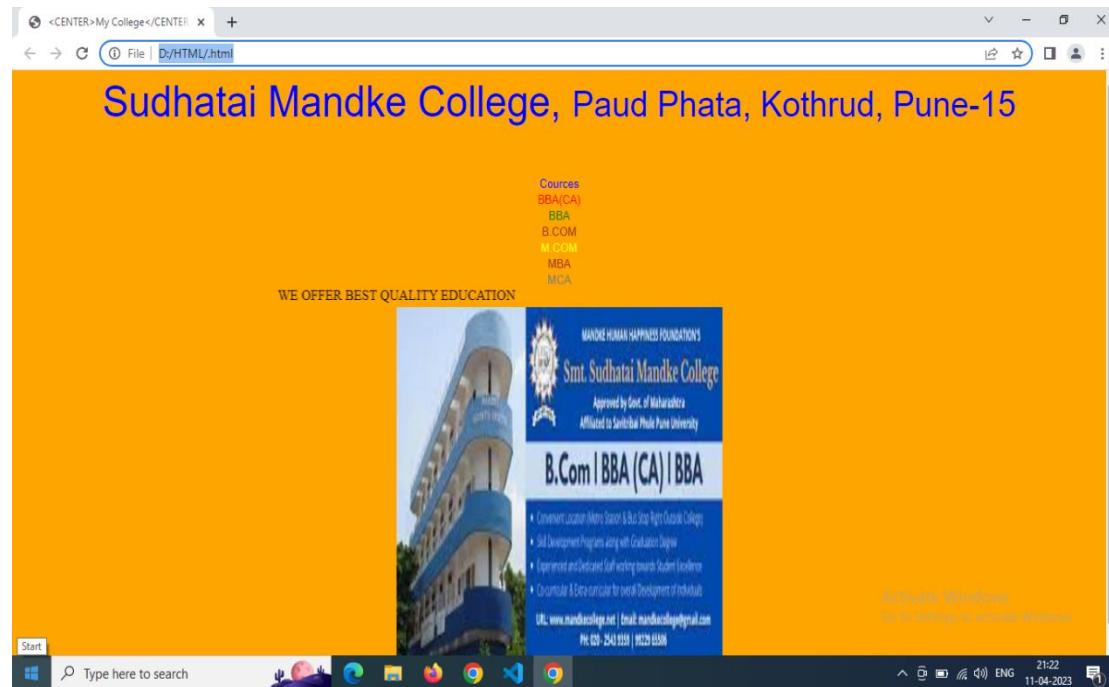
- i) Title should be about your College.
- ii) Put image in the background
- iii) Place your college name at the top of page in large text followed by address in smaller size.
- iv) Add names of courses offered, each in different color, style and font
- v) Add scrolling text about college.
- vi) Add any image at the bottom.

(Use Internal CSS to format the web page)

ANS:- CODE

```
<!DOCTYPE html>
<HTML>
    <HEAD>
        <TITLE><CENTER>My College</CENTER></TITLE>
    </HEAD>
    <BODY BGCOLOR="ORANGE">
        <FONT SIZE="7" FACE="ARIAL" COLOR="BLUE"><CENTER>Sudhatai Mandke College,</CENTER>
        <SMALL>Paud Phata, Kothrud, Pune-15<CENTER></SMALL></FONT><BR>
        <BODY BGCOLOR="RED"><CENTER>
            <font size="2" face="arial" color="blue"><B>Courses</B></font><BR>
            <font size="2" face="arial" color="red"><B>BBA(CA)</B></font><BR>
            <font size="2" face="arial" color="green"><I>BBA</I></font><BR>
            <font size="2" face="arial" color="brown"><U>B.COM</U></font><BR>
        <BODY BGCOLOR="PINK"><CENTER>
            <font size="2" face="arial" color="yellow"><B>M.COM</B></font><BR>
            <font size="2" face="arial" color="brown"><I>MBA</I></font><BR>
            <font size="2" face="arial" color="grey"><U>MCA</U></font><BR>
        <BODY BGCOLOR="PINK"><CENTER>
            <MARQUEE BEHAVIOUR="SLIDE"> WE OFFER BEST QUALITY EDUCATION</MARQUEE>
            <IMG SRC="C:\Users\Admin\Pictures\download.jpg" WIDTH="400" HEIGHT="400" ALT="IMAGE CANNOT BE DISPLAYED">
        </BODY>
    </HTML>
```

OUTPUT:-



SLIP-13

Q1. Design a login form with fields User Name, Password and Login button. Write a java script code to accept username and password, validate login details and display a message accordingly.

ANS:- CODE

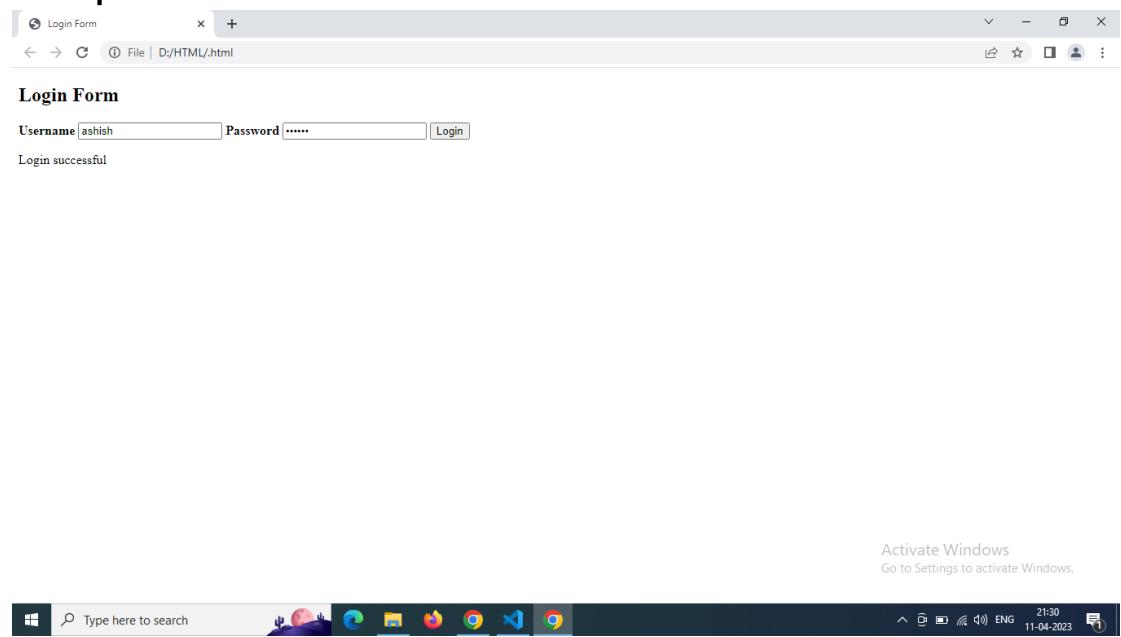
```
<!DOCTYPE html>
<html>
<head>
    <title>Login Form</title>
    <script src="login.js"></script>
</head>
<body>
    <form>
        <h2>Login Form</h2>
        <label for="username"><b>Username</b></label>
        <input type="text" placeholder="Enter Username" name="username" id="username" required>
        <label for="password"><b>Password</b></label>
        <input type="password" placeholder="Enter Password" name="password" id="password" required>
        <button type="button" onclick="validate()">Login</button>
        <p id="message"></p>
    </form>
</body>
</html>
```

login.js

```
function validate() {
    var username = document.getElementById("username").value;
    var password = document.getElementById("password").value;
    var message = document.getElementById("message");

    if (username.trim() === "" || !/[a-zA-Z]+$/i.test(username)) {
        message.innerHTML = "Please enter a valid username (alphabets only)";
    } else if (password.length !== 6) {
        message.innerHTML = "Password must be 6 characters long";
    } else {
        message.innerHTML = "Login successful";
    }
}
```

Output:-



Q2. Write a HTML code which will divide web page in three frames. First frame should consists of name of college as heading. Second frame should consists of name of courses with hyperlink. Once click on any course it should display subject of that course in third frame.

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
|   <title>My College</title>
</head>
<frameset cols="20%,30%,50%">
|   <frame src="college_name.html">
|   <frame src="course_list.html" name="courseList">
|   <frame src="subject_list.html" name="subjectList">
</frameset>
</html>
<!DOCTYPE html>
<html>
<head>
|   <title>My College</title>
</head>
<body>
|   <h1>My College</h1>
|   <p>SMT. SUDHATAI MANDKE COLLEGE</p>
</body>
</html>
DOCTYPE html>
tml>
ead>
<title>Courses</title>
head>
ody>
<h1>Courses</h1>
<ul>
|   <li><a href="javascript:void(0);" onclick="parent.subjectList.location.href='subject_list_1.html';">
|   <li><a href="javascript:void(0);" onclick="parent.subjectList.location.href='subject_list_2.html';">
|   <li><a href="javascript:void(0);" onclick="parent.subjectList.location.href='subject_list_3.html';">
</ul>
body>
html>
<!DOCTYPE html>
<html>
<head>
|   <title>Subjects</title>
</head>
<body>
|   <h1>Subjects</h1>
|   <ul>
|       <li>Organisational Behaviour</li>
|       <li>Advance C</li>
|       <li>Python</li>
|   </ul>
</body>
</html>
```

OUTPUT:-

The screenshot shows a Microsoft Edge browser window with a three-column layout. The browser title bar reads "My College" and the address bar shows "File | D:/HTML/1.html".

My College	Courses	Subjects
SMT. SUDHATAI MANDKE COLLEGE	<ul style="list-style-type: none">BBA(CA)B.COMMBA	<ul style="list-style-type: none">Organisational BehaviourAdvance CPython

The taskbar at the bottom of the screen includes the Start button, a search bar with "Type here to search", and icons for File Explorer, Google Chrome, and Microsoft Edge. The system tray shows the date and time as "12-Apr-2023 18:55" along with other status icons.

SLIP-14

Q1. Write a HTML code to display the name of your family members each in different color, size and style. Also display the following polynomial expression $a_0+a_1x^1 +a_2x^2 +a_3x^3 +a_4x^4$.

ANS:- CODE

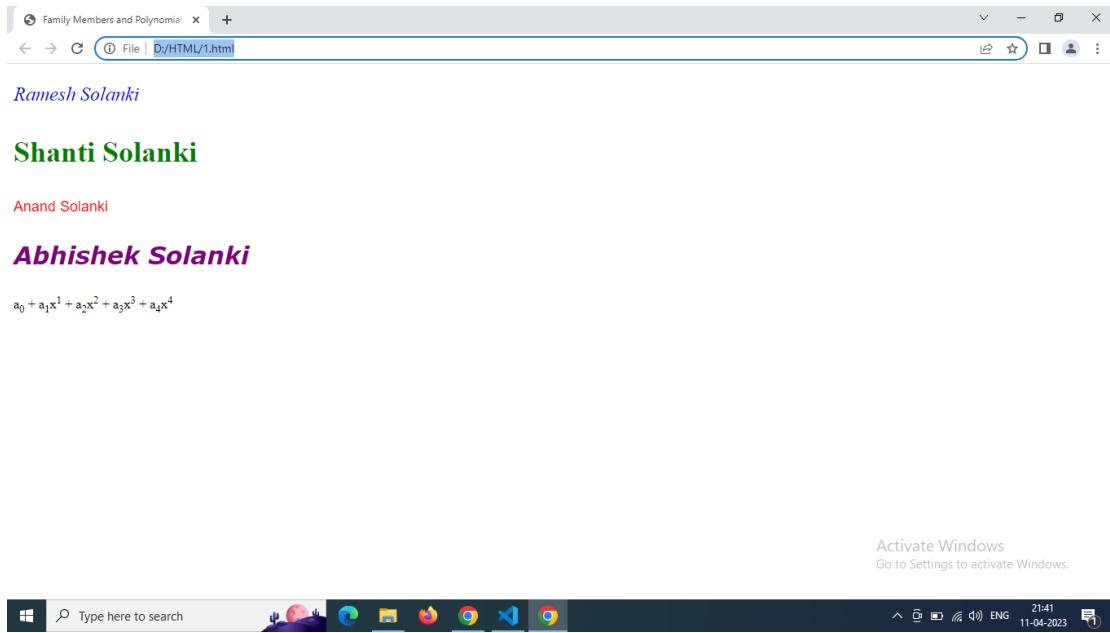
```
<!DOCTYPE html>
<html>
<head>
    <title>Family Members and Polynomial Expression</title>
    <style>
        #father {
            color: blue;
            font-size: 24px;
            font-style: italic;
        }

        #mother {
            color: green;
            font-size: 36px;
            font-weight: bold;
        }

        #brother1 {
            color: red;
            font-size: 18px;
            font-family: Arial;
        }

        #brother2 {
            color: purple;
            font-size: 30px;
            font-family: Verdana;
            font-weight: bold;
            font-style: italic;
        }
    </style>
</head>
<body>
    <p id="father">Ramesh Solanki</p>
    <p id="mother">Shanti Solanki</p>
    <p id="brother1">Anand Solanki</p>
    <p id="brother2">Abhishek Solanki</p>
    <p> $a_0 + a_1x^1 + a_2x^2 + a_3x^3 + a_4x^4$ </p>
</body>
</html>
```

OUTPUT:-



Q2. Write a JavaScript Program to accept user name and password from user, if User name and Password is same then display his score card on the next page as shown below.

User Login						
User Name:	<input type="text"/>					
Password:	<input type="password"/>					
<input type="button" value="Login"/>						
Sr.No	subject	External Exam(Out of 80)	Internal(out of 20)	Total Marks(out of 100)	Result	
501	core Java	56	15	71	pass	
502	Web Technology	67	18	85	pass	
503	.NET	70	19	89	pass	
504	Object Oriented Software Engineering	52	15	67	pass	
505	project	-	-	79	pass	
506	Practical	-	-	83	pass	

ANS:- CODE

```

<html>
<body>
<center><h1>Sudhatai Mandke College</h1></center>
<center><h3>Name of the Student :Ashish Solanki   Seat No.1234</h3></center>
<hr>
<center>
<table border=1>
<tr>
<td>Sr.No</td>
<td>Subject</td>
<td>External Exam(out of 80)</td>
<td>Internal Exam(out of 20)</td>
<td>Total Marks (out of 100)</td>
<td>Result</td>
</tr>

<tr>
<td>501</td>
<td>RDBMS</td>
<td>56</td>
<td>15</td>
<td>71</td>
<td>Pass</td>
</tr>

<tr>
<td>502</td>
<td>Web Technology</td>
<td>67</td>
<td>18</td>
<td>85</td>
</tr>

<tr>
    <td>503</td>
    <td>OB</td>
    <td>78</td>
    <td>18</td>
    <td>96</td>
    <td>Pass</td>
</tr>

<tr>
    <td>504</td>
    <td>Fiancial Accounting</td>
    <td>76</td>
    <td>16</td>
    <td>92</td>
    <td>Pass</td>
</tr>

<tr>
    <td>505</td>
    <td>Business Maths</td>
    <td>67</td>
    <td>18</td>
    <td>85</td>
    <td>Pass</td>
</tr>
</table>
<center>
</body>
</html>

```

```
<html>
<head>
    <script type="text/javascript">
        function fun1()
        {
            var u=document.f1.t1.value
            var p=document.f1.t2.value
            if(u=="asha"&&p=="asha")
                window.alert("login");
            if(u!="Ashish")
                window.alert("Invalid username");
            if(p!="Solanki")
                window.alert("Invalid password");
        }
    </script>
</head>
<form name="f1" action=".html">
    <table border="1">
        <tr>
            <td>login</td>
            <td><input type="text" name="t1"></td>
        </tr>
        <tr>
            <td>password</td>
            <td><input type="password" name="t2"></td>
        </tr>
        <tr>
            <td></td>
            <td><input type="submit" value="submit" onclick="fun1()"></td>
        </tr>
    </table>
</form>
</body>
</html>
```

OUTPUT:-

1.html

File | D:/HTML/1.html

login.html

login	Ashish
password
	submit

Activate Windows
Go to Settings to activate Windows.

21:55 11-04-2023

1.html

File | D:/HTML/1.html

Sudhatai Mandke College

Name of the Student :Ashish Solanki Seat No.1234

Sr.No	Subject	External Exam(out of 80)	Internal Exam(out of 20)	Total Marks (out of 100)	Result
501	RDBMS	56	15	71	Pass
502	Web Technology	67	18	85	Pass
503	OB	78	18	96	Pass
504	Financial Accounting	76	16	92	Pass
505	Business Maths	67	18	85	Pass



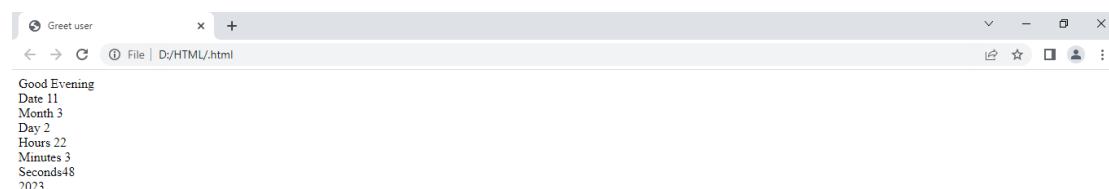
SLIP-15

Q1. Write a JavaScript program to Display current Day, Date, Month, Year and Time on the web page and greet the user accordingly.

ANS:- CODE

```
<html>
<head>
<title> Greet user </title>
<script>
d=new Date();
hr=d.getHours();
alert(hr)
if(hr<12)
document.write("Good Morning"+ " <br>")
else if(hr<20)
document.write("Good Afternoon"+ " <br>" );
else
document.write("Good Evening "+ "<br>");
document.write("Date "+d.getDate()+"<br>")
document.write("Month "+d.getMonth()+"<br>")
document.write("Day "+d.getDay()+"<br>")
document.write("Hours "+d.getHours()+"<br>")
document.write("Minutes "+d.getMinutes()+"<br>")
document.write("Seconds"+d.getSeconds()+"<br>")
yr=d.getYear();
yr=yr+1900;
document.write(yr);
</script>
</head>
</html>
```

OUTPUT:-



Activate Windows
Go to Settings to activate Windows.



Q2. Create HTML page with following specifications

- i) Title should be about your City.
- ii) Color the background by Pink color.
- iii) Place your city name at the top of page in large text and in blue color.
- iv) Add names of the landmarks in your city, each in different color, style and font
- v) Add scrolling text about your City.
- vi) Add any image at the bottom.

(Use inline CSS to format the web page)

ANS:- CODE

```
<html>
<head>
<title>my city</title>
</head>
<body bgcolor="pink">
<h1 color="blue" align="center">PUNE</h1>
<font color="yellow" size="4">SHANIVAR WADA</font><br>
<font color="green" size="5">LaL MAHAL</font><br>
<font color="red" size="6">PHONIX MALL</font><br>
<marquee>Please come to see Historic Places In Pune </marquee>

</body>
</html>
```

OUTPUT:-



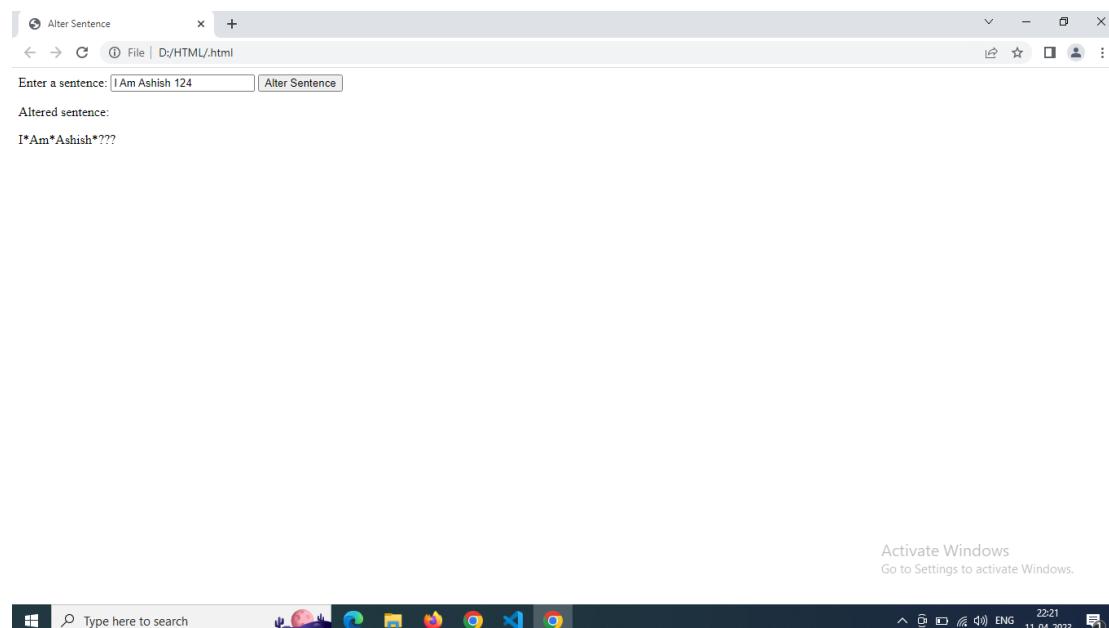
SLIP-16

Q.1 Write a java script code to accept a sentence from the user and alters it as follows: Every space is replaced by * and digits are replaced by ?

ANS:-CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Alter Sentence</title>
    <script type="text/javascript">
        function alterSentence() {
            var sentence = document.getElementById("sentence").value;
            sentence = sentence.replace(/\s/g, "*");
            sentence = sentence.replace(/\d/g, "?");
            document.getElementById("output").innerHTML = sentence;
        }
    </script>
</head>
<body>
    <label for="sentence">Enter a sentence:</label>
    <input type="text" id="sentence">
    <button onclick="alterSentence()">Alter Sentence</button>
    <p>Altered sentence:</p>
    <p id="output"></p>
</body>
</html>
```

OUTPUT:-



Q2. Write HTML code which generates the following output and display each element of list in different size, color & font. Use inline CSS to format the list.

- Honda
 - Petrol
 - 1) Honda City
 - 2) Brio
 - Diesel
 - 1) Amaze
 - 2) Brio
- Maruti-Suzuki
 - Petrol
 - 1) Swift
 - 2) Ritz
 - Diesel

ANS:- CODE

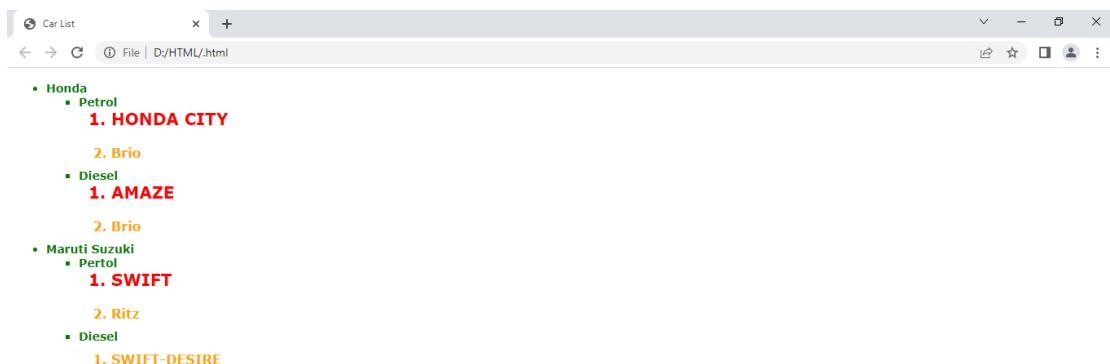
```
<!DOCTYPE html>
<html>
<head>
<title>Car List</title>
<style>
    li {
        color: green;
        font-family: Verdana, sans-serif;
        font-size: 14px;
        font-weight: bold;
        margin-bottom: 10px;
    }
    ol li:first-child {
        color: red;
        font-size: 20px;
        margin-bottom: 20px;
        text-transform: uppercase;
    }
    ol li:last-child {
        color: orange;
        font-size: 16px;
        margin-top: 10px;
    }
</style>
</head>
<body>
<ul type="disc">
    <li>Honda
        <ul type="square">
            <li>Petrol
                <ol>
                    <li>Honda City</li>
                </ol>
            </li>
        </ul>
    </li>
</ul>
</body>
</html>
```

```

        |     |     |     <li>Brio</li>
        |     |     |   </ol>
        |     |     </li>
        |     |     <li>Diesel
        |     |     |   <ol type="1">
        |     |     |     |   <li>Amaze</li>
        |     |     |     |   <li>Brio</li>
        |     |     |   </ol>
        |     |     </li>
        |     |   </ul>
        |     </li>
        |   <li>Maruti Suzuki
        |     <ul type="square">
        |       <li>Pertrol
        |         <ol type="1">
        |           |   <li>Swift</li>
        |           |   <li>Ritz</li>
        |         </ol>
        |       </li>
        |       <li>Diesel
        |         <ol type="1">
        |           |   <li>Swift-Desire</li>
        |         </ol>
        |       </li>
        |     </ul>
        |   </li>
      </ul>
    </body>
  </html>

```

OUTPUT:-



Activate Windows
Go to Settings to activate Windows.



SLIP-17

Q1. Write a java script code to accept a string from user and display the occurrences of every vowel character from string

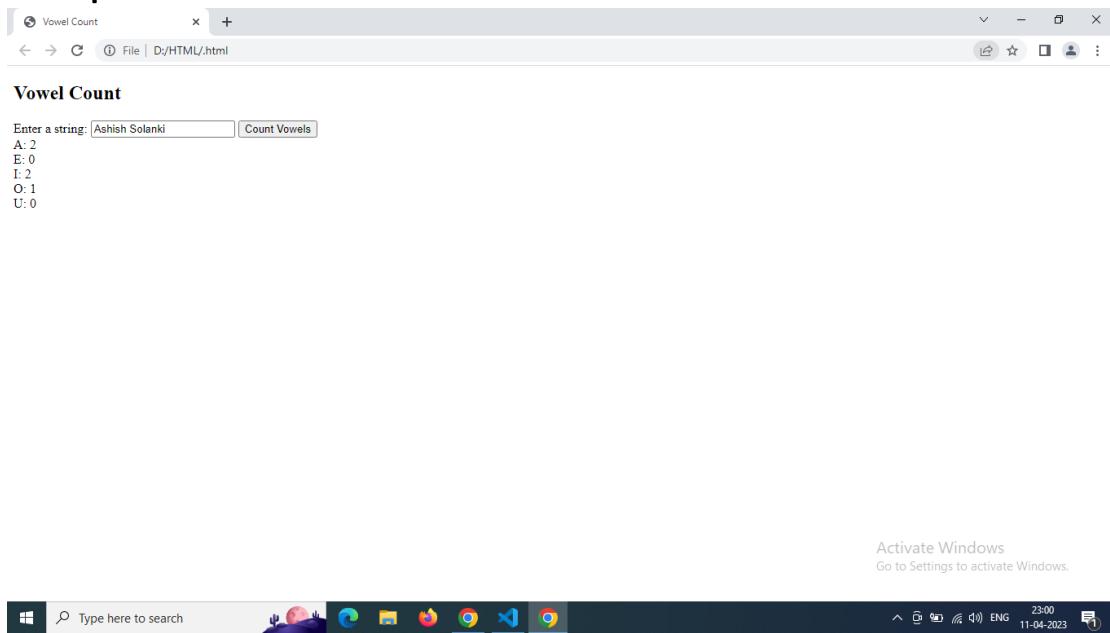
ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Vowel Count</title>
    <script type="text/javascript">
        function countVowels() {
            var inputString = document.getElementById("inputString").value;
            var vowelCounts = {
                "a": 0,
                "e": 0,
                "i": 0,
                "o": 0,
                "u": 0
            };
            for (var i = 0; i < inputString.length; i++) {
                var c = inputString.charAt(i).toLowerCase();
                if (vowelCounts.hasOwnProperty(c)) {
                    vowelCounts[c]++;
                }
            }
            var resultString = "";
            for (var vowel in vowelCounts) {
                if (vowelCounts.hasOwnProperty(vowel)) {
                    resultString += vowel.toUpperCase() + ":" + vowelCounts[vowel] + "<br>";
                }
            }
            document.getElementById("result").innerHTML = resultString;
        }
    </script>
</head>
<body>
    <h2>Vowel Count</h2>
    <label for="inputString">Enter a string:</label>
    <input type="text" id="inputString">
    <button onclick="countVowels()">Count Vowels</button>
    <div id="result"></div>
</body>
</html>
```

Act

Go

Output:-



Q2. Design an HTML form for customer registration visiting a departmental store. Form should consists of fields such as name, contact no, gender, preferred days of purchasing, favorite item(to be selected from a list of items), suggestions etc.. You should provide button to submit as well as reset the form contents.

ANS:- CODE

```
<!DOCTYPE html>
<html>
<h4>Information of a Customer</h4>
<br>
<form name="Information of a customer">
| Customer Name :
<input type="text" value="customer name">
<br>
<br>
Contact : phone no.
<input type="text" value="+91">
<br>
<br>
Day of Purchasing :
<select name="Days" size="1">
<option>1-7
<option>8-14
<option>15-21
<option>22-28
<option>29-31
</select>
<br>
<br>
Items :
<select name="list of Item" size="1">
<option>Almonds
<option>Chocolates
<option>Remote Control
<option>Adapter
<option>Football
<option>Broadband
<option>Powerbank
```

```

<option>Laptop
<option>Computer
<option>CD Disk
<option>Aurchester
</select>
<br>
<br>
Suggestion Box :
&emsp;
<textarea rows="5" cols="20">
</textarea>
<br>
<br>
To Submit Information Click.
<input type="Submit" value="Submit">
<br>
<br>
For Reset.
<input type="Reset">
</html>

```

OUTPUT:-

1.html x +

File | D:/HTML/1.html

Information of a Customer

Customer Name :

Contact : phone no.

Day of Purchasing

Items :

Suggestion Box :

To Submit Information Click.

For Reset.



SLIP-18

Q1. Write a java script program to accept the value of n and display all odd numbers up to n.

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Odd Numbers</title>
    <script>
        function displayOddNumbers() {
            var n = document.getElementById("inputN").value;
            var result = "";
            for (var i = 1; i <= n; i += 2) {
                result += i + "<br>";
            }
            document.getElementById("output").innerHTML = result;
        }
    </script>
</head>
<body>
    <h1>Odd Numbers</h1>
    <label for="inputN">Enter a number:</label>
    <input type="number" id="inputN" name="inputN"><br><br>
    <button onclick="displayOddNumbers()">Display Odd Numbers</button><br><br>
    <div id="output"></div>
</body>
</html>
```

OUTPUT:-



Q2. Write the HTML code which generates the following output. (Use external CSS to format the given table)

Book_No	Book_Name	Price	
		RS	Paise
101	DBMS	200	50
102	C-Prog	150	75
103	JAVA	300	00
104	PHP	250	50
105	ASP	100	00

ANS:- CODE

```

<!DOCTYPE html>
<html>
<title>assignment3</title>
<body>
<table width="50%" align="left" cellpadding="1" cellspacing="1" border="1">
<tr>
<td rowspan="2">Book_No</td>
<td rowspan="2">Book_Name</td>
<td colspan="2" width="50%" align="center"><b>Price</b></td>
</tr>
<tr align="center">
<td width="25%"><b>RS</b></td>
<td><b>Paise</b></td>
</tr>
<tr>
<td>101</td>
<td>DBMS</td>
<td>200</td>
| <td>50</td>
</tr>
<tr>
<td>102</td>
<td>C-Prog</td>
<td>150</td>
<td>75</td>
</tr>
<tr>
<td>103</td>
<td>JAVA</td>
<td>300</td>
<td>00</td>
</tr>
<tr>
<td>104</td>
<td>PHP</td>
<td>250</td>
<td>50</td>
</tr>
<tr>
<td>105</td>
<td>ASP</td>
<td>100</td>
<td>00</td>
</tr>
</table>
</body>
</html>

```

OUTPUT:-

The screenshot shows a Microsoft Edge browser window titled "assignment3". The address bar displays the file path "D:/HTML/1.html". The main content area contains an HTML table with the following data:

Book_No	Book_Name	Price	
		RS	Paise
101	DBMS	200	50
102	C-Prog	150	75
103	JAVA	300	00
104	PHP	250	50
105	ASP	100	00



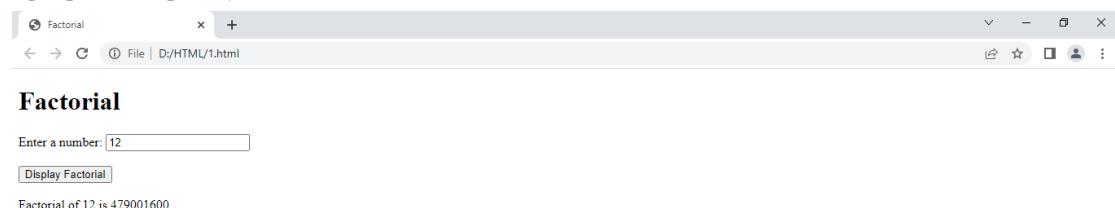
SLIP-19

Q1. Write a java script code to accept a number from user and display its factorial.

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Factorial</title>
    <script>
        function displayFactorial() {
            var n = document.getElementById("inputN").value;
            var factorial = 1;
            for (var i = 1; i <= n; i++) {
                factorial *= i;
            }
            document.getElementById("output").innerHTML = "Factorial of " + n + " is " + factorial;
        }
    </script>
</head>
<body>
    <h1>Factorial</h1>
    <label for="inputN">Enter a number:</label>
    <input type="number" id="inputN" name="inputN"><br><br>
    <button onclick="displayFactorial()">Display Factorial</button><br><br>
    <div id="output"></div>
</body>
</html>
```

OUTPUT:-



Q2. Design an HTML form to take the information of a customer for booking a travel plan consisting of fields such as name, address, contact no., gender, preferred season(Checkboxes), location type(to be selected from a list) etc. You should provide button to submit as well as reset the form contents. (All the fields should be properly aligned).

ANS:- CODE

```
<!DOCTYPE html>
<html>
    <h4>Booking Of a Travel Plan</h4>
    <br>
    <form name="Travel Plan">
        Customer Name. :
        <input type="text">
        <br>
        <br>
        Address. :
        &nbsp;
        <input type="text">
        &nbsp;&nbsp;&nbsp;
        Contact Phone no. :
        <input type="text" value="+91">
        <br>
        <br>
        Gender :
        <input type="radio" value="Male">Male
        <input type="radio" value="Female">Female
        <br>
        <br>
        Season to Go :
        <input type="checkbox" value="Winter">Winter
        <input type="checkbox" value="Summer">Summer
        <br>
        <br>
        Location Type : To :
        <select name="Location" size="1">
            <option>Ahmedabad
            <option>Dehradun
            <option>Delhi
```

OUTPUT:-

Booking Of a Travel Plan

Customer Name :

Address : Contact Phone no. :

Gender : Male Female

Season to Go : Winter Summer

Location Type : To : From :

For Submit :

For Reset :

SLIP-20

Q1. Write a java script code to accept a number n from user and display first n terms of Fibonaci series

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Fibonacci Series</title>
    <script>
        function generateFibonacci() {
            let n = document.getElementById("inputN").value;
            let a = 0;
            let b = 1;
            let series = "";
            for (let i = 0; i < n; i++) {
                series += a + " ";
                let c = a + b;
                a = b;
                b = c;
            }
            document.getElementById("outputSeries").innerHTML = series;
        }
    </script>
</head>
<body>
    <h1>Fibonacci Series</h1>
    <label for="inputN">Enter the number of terms:</label>
    <input type="number" id="inputN" name="inputN">
    <button onclick="generateFibonacci()">Generate Series</button>
    <p id="outputSeries"></p>
</body>
</html>
```

OUTPUT:-



Fibonacci Series

Enter the number of terms:

0 1 1 2 3 5 8 13 21 34



Q2. Create HTML page with following specifications

- i) Title should be about your Car.
- ii) Color the background by Pink color.
- iii) Place your car name at the top of page in large text and in green color.
- iv) Add names of features in your car, each in different color, style and font
- v) Add scrolling text about your Car.
- vi) Add any image at the bottom.

(Use external CSS to format the web page)

ANS:- CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>About My Car</title>
    <link rel="stylesheet" type="text/css" href="styles.css">
</head>
<body bgcolor="#FFC0CB">
    <h1 style="color: green; font-size:48px; text-align:center;">Buggati Veyron</h1>
    <ul>
        <li style="color: blue; font-style:italic; font-size:24px;">Power steering</li>
        <li style="color: red; text-decoration:underline; font-size:24px;">Air conditioning</li>
        <li style="color: purple; font-weight:bold; font-size:24px;">Anti-lock brakes</li>
        <li style="color: orange; font-family:Arial; font-size:24px;">Keyless entry</li>
    </ul>
    <marquee behavior="scroll" direction="left">My Car is the best car in town!</marquee>
    
</body>
</html>
```

OUTPUT:-

