**Web Programming (BCSE203E)**

**E2+TE2**

**Divyansh Mishra**

**23BCE5071**

**Assignment – 1,2,3**

**Website Live:** [**Github**](https://divyanshm30.github.io/Web_Programming/)

**Assignment 1**

**Index.html**

<!DOCTYPE html>

<html lang="en">

    <head>

        <title>Welcome to my page - 23BCE5071</title>

        <meta charset="UTF-8">

    </head>

    <body>

        <style>

            body{

                background-image: url(https://wallpapercave.com/wp/wp6144270.jpg);

                background-size: cover;

                background-position: center;

                background-repeat: no-repeat;

            }

            marquee{

                font-size: xx-large;

            }

            </style>

<div id="top"></div>

<!-- Q2 -->

 <p><a href="greeting.html">Click here for a greeting</a></p>

<!-- Q1 -->

<marquee><b>23BCE5071</b></marquee> <!-- (f) -->

<!-- (g) -->

<img style="float:right" src="https://th.bing.com/th/id/OIP.aNuVPko-fipxD4-hwuKSTQHaHl?rs=1&pid=ImgDetMain" alt="Passport size image" height="250mm" width="175mm">

<!-- (a) -->

<p style="font-family: Verdana;color: blue;">Divyansh Mishra</p>

<!-- (b) -->

<p>

    <h6 style="color: #18db63;">A</h6>

    <h5 style="color: #4e14df;">B</h5>

        <h4 style="color: #ebc508;">C</h4>

        <h3 style="color: #d10deb;">D</h3>

        <h2 style="color: #9be10e;">E</h2>

        <h1 style="color: #0cd7e6;">F</h1>

     </p>

    <!-- (c) -->

      <p> <b>Divyansh</b> <u>Mishra</u></p>

    <!-- (d) -->

     <p style="background-color: yellow;">My ambitions are to become a sucessful person in my life and make my parents proud. The way I will achieve that right now seems to be by becoming a software engineer and developer. One of my dream companies to work in would be Microsoft as it is a well established company and provides a great work-life balance.</p>

     <p style="font-weight: bold; font-style: italic;"> My hobbies are playing cricket. But when I am not playing cricket, I love to watch and analyse different ascepts of the sport. In my free time, I also enjoy playing chess. I also like watching chess games between GrandMasters in order learn and be better at this sport.</p>

    <!-- (b)   -->

     <!-- This is a comment. It does not appear on the web page -->

    <!-- (c) -->

     <p> (a-b)<sup>2</sup>=a<sup>2</sup>-2ab+b<sup>2</sup></p>

     <p>2H<sub>2</sub>+O<sub>2</sub>=2H<sub>2</sub>O</p>

     <!-- (d) -->

      <pre>

        #include < stdio.h>

            int main(){

                char acc[1000];

                printf("Please enter your account no. : ");

                scanf("%s",&acc);

                double bal;

                printf("Please enter your account balance : ");

                scanf("%lf",&bal);

                printf("\nAccount no.: %s\n",acc);

                printf("Account Balance: Rs. %lf",bal);

                printf("\nThank You!\n");

                return 0;

            }

      </pre>

      <!-- (e) -->

       <!-- Done in style tag -->

       <!-- (h) -->

        <div>Lorem ipsum dolor, sit amet consectetur adipisicing elit. Autem, consectetur non. Consequatur corporis similique fugiat, quasi id quidem asperiores suscipit ad. Distinctio dolores assumenda qui quas beatae molestiae a debitis illum inventore maiores ducimus aliquam ipsam vel dignissimos nemo nam quibusdam deleniti dolorum, odit libero officiis aliquid? Quae est nisi eius, magni, ut nesciunt labore repudiandae fugit distinctio error maiores consectetur voluptates reprehenderit! Corrupti labore commodi inventore cupiditate odio minus nisi at. Laboriosam autem ea, odio ipsa quaerat optio magni nemo cupiditate numquam officia consequatur possimus nihil eos minima reprehenderit perferendis dolor corrupti cum vitae, inventore, excepturi in rerum perspiciatis? Ducimus, soluta.</div>

        <div>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Aperiam omnis incidunt repudiandae earum reprehenderit laboriosam voluptas quibusdam distinctio tenetur, aliquid veritatis? Voluptate, in! Architecto quod accusantium unde error culpa asperiores similique, numquam iure maxime laudantium ipsam neque iste? Quaerat laboriosam nesciunt, quo beatae enim vero nobis natus ullam ducimus. Dignissimos amet accusamus quasi aliquam qui fugiat non provident in numquam, eaque maiores deserunt asperiores temporibus laboriosam officia id. Reiciendis explicabo sed dolore, consequatur ad, quibusdam eum quos quasi eius laborum iste quas inventore earum rerum dolores sequi culpa iusto placeat nulla incidunt. Beatae sapiente praesentium impedit eos earum.</div>

        <!-- (i) -->

        <a href="#top" style="float:right">Go to Top</a> <br>

        <!-- (j) -->

        <a href="mailto:divyansh.mishra2023@vitstudent.ac.in">Mail me</a>

    </body>

</html>

**Greeting.html**

<!DOCTYPE html>

<html>

<head>

    <title>e-Greeting Card</title>

    <style>

        body {

            margin: 0;

            padding: 0;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            background-color: #f7f9fc;

            background-image: url(https://th.bing.com/th/id/OIP.iSiFLZPPilTEal9iBxjeeQHaFj?rs=1&pid=ImgDetMain);

            background-size: cover;

        }

        div {

            background: #dbe03b;

            border: 2px solid #d5c4b4;

            border-radius: 10px;

            max-width: 600px;

            width: 80%;

            text-align: center;

            padding: 20px;

        }

        p {

            font-size: large;

            color: #666161;

        }

    </style>

</head>

<body>

    <div>

        <h1>Happy New Year 2025!</h1>

        <p>Wishing you joy, peace, and success in the coming year. May all your dreams turn into reality, and all your efforts bring great result for you and your family.</p>

        <p>Have a wonderful year ahead!</p>

        <p>- Divyansh Mishra</p>

        <p><a href="index.html">Return to Home Page</a></p>

    </div>

</body>

</html>

**Assignment 2**

**Q1**

<!DOCTYPE html>

<html>

    <head>

        <title>Tables and Lists</title>

        <style>

            table,th,td{

                border:1px solid black;

                border-collapse: collapse;

            }

        </style>

    </head>

    <body>

        <table style="width:100%;height:50px;">

            <tr>

                <th colspan="6"><b>Time Table</b></th>

            </tr>

            <tr>

                <th rowspan="6"><b>Hours</b></th>

                <td style="text-align: center;"><b>Mon</b></td>

                <td style="text-align: center;"><b>Tue</b></td>

                <td style="text-align: center;"><b>Wed</b></td>

                <td style="text-align: center;"><b>Thu</b></td>

                <td style="text-align: center;"><b>Fri</b></td>

            </tr>

            <tr>

                <td style="text-align: center;">Science</td>

                <td style="text-align: center;">Maths</td>

                <td style="text-align: center;">Science</td>

                <td style="text-align: center;">Maths</td>

                <td style="text-align: center;">Arts</td>

            </tr>

            <tr>

                <td style="text-align: center;">Social</td>

                <td style="text-align: center;">History</td>

                <td style="text-align: center;">English</td>

                <td style="text-align: center;">Social</td>

                <td style="text-align: center;">Sports</td>

            </tr>

            <tr>

                <th colspan="5"><b>Lunch</b></th>

            </tr>

            <tr>

                <td style="text-align: center;">Science</td>

                <td style="text-align: center;">Maths</td>

                <td style="text-align: center;">Science</td>

                <td style="text-align: center;">Maths</td>

                <td rowspan="2" style="text-align: center">Project</td>

            </tr>

            <tr>

                <td style="text-align: center;">Social</td>

                <td style="text-align: center;">History</td>

                <td style="text-align: center;">English</td>

                <td style="text-align: center;">Social</td>

            </tr>

        </table>

    </body>

</html>

**Q2**

<!DOCTYPE html>

<html>

<head>

<title>Tables and Lists</title>

<style>

table{

border:1px solid black;

border-collapse: collapse;

width:100%;

}

td{

border:1px solid black;

padding:25px;

}

</style>

</head>

<body>

<table style="background-color:mediumblue ;">

    <tr>

    <td>

    <table style="background-color: yellow;">

    <tr>

    <td>

    <table style="background-color:maroon;">

    <tr>

    <td>

    <table style="background-color:peachpuff;">

    <tr>

    <td>

    <table style="background-color:green;">

    <tr>

    <td style="text-align: center;"><a href="table3.html"><u style="color:white;">Click Me</u></a></td>

    </tr>

    </td>

    </tr>

    </table>

    </td>

    </tr>

    </td>

</tr>

</td>

</tr>

</body>

</html>

**Q3**

<!DOCTYPE html>

<html>

<head>

<style>

      table,th,td{

        width:100%;

        border:1px solid black;

        border-collapse: collapse;

      }

      th,td{

        padding:20px

      }

</style>

</head>

<body>

<table style="width:100%;border:1px solid white">

<tr>

<td>

<table style="width:100%;background-color:white">

<caption><i>A neat table with merged cells</i></caption>

<tr>

<th rowspan="2" <a href="Expenses.html"><b><u>Expenses</u></b></a></th>

<th colspan="2" ><b>Average</b></th>

<th rowspan="2" ><b>Red Eyes</b></th>

</tr>

<tr>

<td style="text align:center;"><b>Height</b></td>

<td style="text align:center;"><b>Weight</b></td>

</tr>

<tr>

<th>Males</th>

<td style="text align:center;">1.9</td>

<td style="text align:center;">0.03</td>

<td style="text align:center;">40%</td>

</tr>

<tr>

<th>Fenmales</th>

<td style="text align:center;">1.7</td>

<td style="text align:center;">0.02</td>

<td style="text align:center;">43%</td>

</tr>

</table>

</td>

</tr>

</table>

</body>

</html>

**Q4**

<!DOCTYPE html>

<html>

    <head>

        <style>

            table{

                width:100%;

                border:3px solid purple;

                border-collapse:collapse;

                border-color:blueviolet

            }

            th,td{

                border:3px solid purple;

                border-collapse:collapse;

                border-color: blueviolet;

                padding:10px;

            }

        </style>

    </head>

    <body>

        <table>

            <tr>

                <th rowspan="2" style="width:20px;background-color:antiquewhite;">Year</th>

                <th rowspan="2" style="background-color: antiquewhite;">Quarter</th>

                <th colspan="2" style="background-color: antiquewhite";>Expenses</th>

                <th colspan="2" style="background-color: antiquewhite";>Income</th>

            </tr>

            <tr>

                <th style="background-color: antiquewhite;">Quetta</th>

                <th style="background-color: antiquewhite;">Dubai</th>

                <th style="background-color: antiquewhite;">Quetta</th>

                <th style="background-color: antiquewhite;">Dubai</th>

            </tr>

            <tr>

                <td rowspan="4" style="text-align: center;background-color:antiquewhite">2021</td>

                <td style="text-align: center;background-color:red">1</td>

                <td style="text-align: center;background-color:red">1900</td>

                <td style="text-align: center;background-color:red">8650</td>

                <td style="text-align: center;background-color:red">9000</td>

                <td style="text-align: center;background-color: red;">7789</td>

            </tr>

            <tr>

                <td style="text-align: center; background-color:darkmagenta">2</td>

                <td style="text-align: center; background-color:darkmagenta">2230</td>

                <td style="text-align: center; background-color:darkmagenta">8659</td>

                <td style="text-align: center; background-color:darkmagenta">8500</td>

                <td style="text-align: center; background-color:darkmagenta">8670</td>

            </tr>

            <tr>

                <td style="text-align: center; background-color:cornflowerblue ; color:aliceblue">3</td>

                <td style="text-align: center; background-color:cornflowerblue ; color:aliceblue">4000</td>

                <td style="text-align: center; background-color:cornflowerblue ; color:aliceblue">8650</td>

                <td style="text-align: center; background-color:cornflowerblue ; color:aliceblue">9900</td>

                <td style="text-align: center; background-color:cornflowerblue ; color:aliceblue">9870</td>

            </tr>

            <tr>

                <td style="text-align: center; background-color:green">4</td>

                <td style="text-align: center; background-color:green">4000</td>

                <td style="text-align: center; background-color:green">8650</td>

                <td style="text-align: center; background-color:green">9800</td>

                <td style="text-align: center; background-color:green">9900</td>

            </tr>

            <tr>

                <td rowspan="4" style="text-align: center; background-color:blanchedalmond;">2022</td>

                <td style="text-align: center; background-color:red">1</td>

                <td style="text-align: center; background-color:red">7780</td>

                <td style="text-align: center; background-color:red">8650</td>

                <td style="text-align: center; background-color:red">7780</td>

                <td style="text-align: center; background-color:red">9000</td>

            </tr>

            <tr>

                <td style="text-align: center; background-color:darkmagenta">2</td>

                <td style="text-align: center; background-color:darkmagenta">8670</td>

                <td style="text-align: center; background-color:darkmagenta">8650</td>

                <td style="text-align: center; background-color:darkmagenta">8670</td>

                <td style="text-align: center; background-color:darkmagenta">8500</td>

            </tr>

            <tr>

                <td style="text-align: center; background-color:dodgerblue ;color:aliceblue">3</td>

                <td style="text-align: center; background-color:dodgerblue ;color:aliceblue">9870</td>

                <td style="text-align: center; background-color:dodgerblue ;color:aliceblue">8650</td>

                <td style="text-align: center; background-color:dodgerblue ;color:aliceblue">9870</td>

                <td style="text-align: center; background-color:dodgerblue ;color:aliceblue">9900</td>

            </tr>

            <tr>

                <td style="text-align: center; background-color:darkgreen">4</td>

                <td style="text-align: center; background-color:darkgreen">9900</td>

                <td style="text-align: center; background-color:darkgreen">8650</td>

                <td style="text-align: center; background-color:darkgreen">9900</td>

                <td style="text-align: center; background-color:darkgreen">9800</td>

            </tr>

            <tr>

                <th style="background-color:antiquewhite">2013</th>

                <td colspan="5" style="text-align:center;">\*\*\*\*</td>

            </tr>

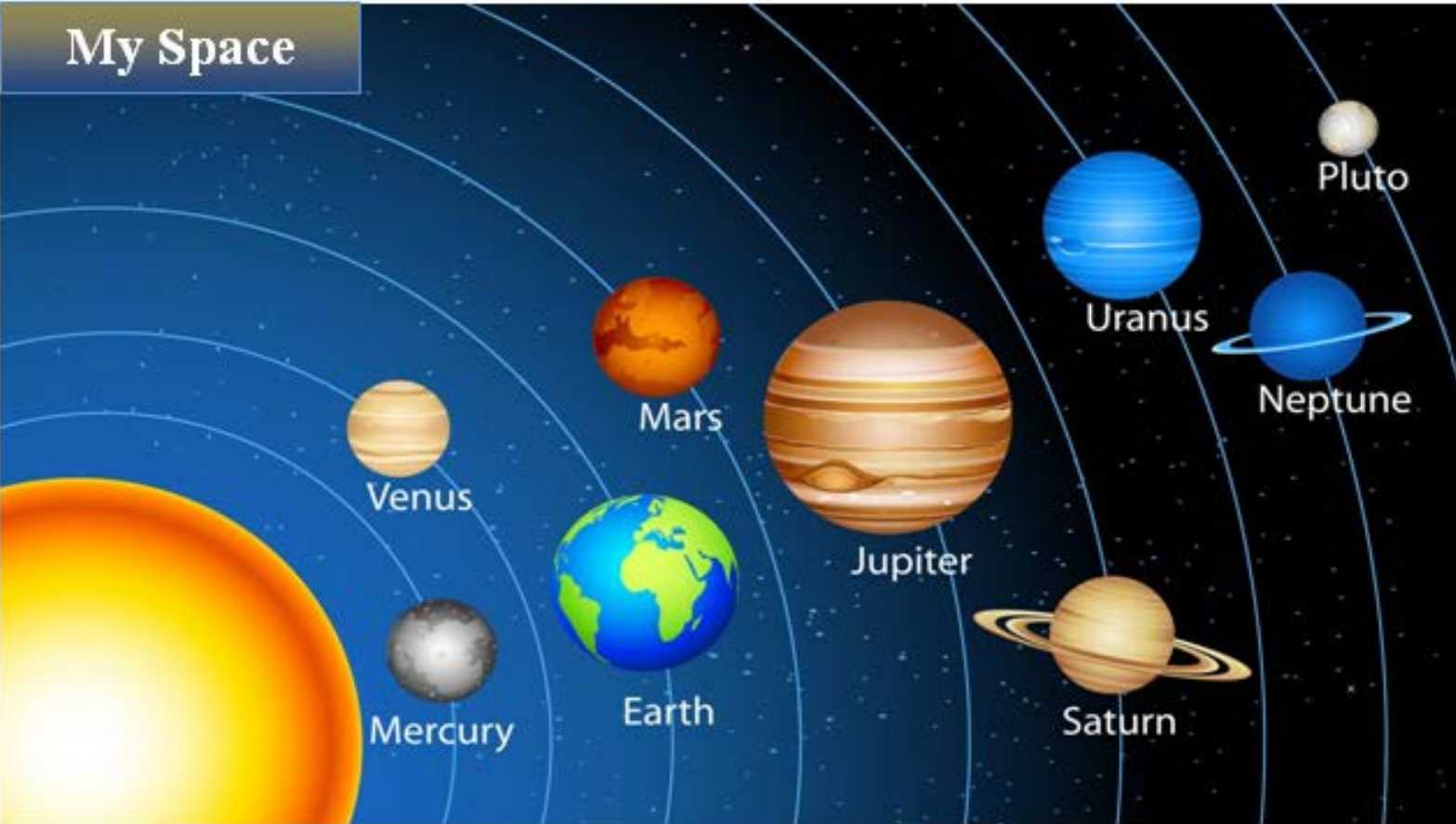
        </table>

    </body>

    </html>

**Assignment 3**

**Image :**



**Code :**

**Index.html**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

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

    <title>Image Mapping</title>

  </head>

  <body>

    <style>

        .h{

            font-weight: bold;

            font-size: xx-large;

            text-decoration: solid;

        }

    </style>

    <header class="h"> <center>ASSIGNMENT 3 <br> Divyansh Mishra 23BCE5071 </center></header>

    <p>

        Q1. <br>

        <img src="solar.png" usemap="#image-map">

        <map name="image-map">

            <area href="me.html" alt="Divyansh Mishra 23BCE5071" title="Divyansh Mishra 23BCE5071" href="" coords="1,2,388,99" shape="rect">

            <area alt="Ball of Fire " title="Ball of Fire " href="https://en.wikipedia.org/wiki/Sun" coords="92,811,294" shape="circle">

            <area alt="Morning Star" title="Morning Star" href="https://en.wikipedia.org/wiki/Venus" coords="429,464,53" shape="circle">

            <area alt="Blue Planet" title="Blue Planet" href="https://en.wikipedia.org/wiki/Earth" coords="690,629,104" shape="circle">

            <area alt="Largest Planet" title="Largest Planet" href="https://en.wikipedia.org/wiki/Jupiter" coords="955,449,132" shape="circle">

            <area alt="Dwarf Planet" title="Dwarf Planet" href="https://en.wikipedia.org/wiki/Pluto" coords="1451,139,32" shape="circle">

            <area alt="Ring Planet" title="Ring Planet" href="https://en.wikipedia.org/wiki/Saturn" coords="1199,685,1196,620,1159,630,1141,646,1137,656,1102,657,1076,656,1058,659,1048,668,1069,682,1090,692,1117,699,1135,707,1152,733,1170,743,1191,747,1211,744,1226,740,1240,729,1264,726,1297,732,1343,731,1343,718,1323,708,1301,699,1278,691,1261,668,1250,645,1233,630,1196,617" shape="poly">

        </map>

    </p>

  </body>

</html>

**Me.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Me</title>

</head>

<body>

    <style>

        span{

            background-color:thistle;

            border: 3px solid black;

            font-weight: bold;

            padding: 2px;

        }

    </style>

    <span>Hi! Its Me <br></span>

    <br>

    <span>DIVYANSH MISHRA 23BCE5071</span>

    <hr>

    <div>

        <article>

            Me:

            <img src="https://cdn.vectorstock.com/i/1000v/87/50/man-male-young-person-icon-vector-10458750.jpg" usemap="#image-map">

            <map name="image-map">

                <area title="Me Not really ^\_^" href="https://signature.freefire-name.com/img.php?f=2&t=Divyansh" coords="387,150,386,135,396,121,412,111,435,104,451,103,474,105,485,111,499,116,510,126,516,136,517,150" shape="poly">

            </map>

        </div>

        <div>

            About Me: Lorem ipsum dolor sit amet consectetur adipisicing elit. Sequi architecto incidunt quisquam dolorem velit id quod. Rem, dolore ullam officiis unde illo accusantium temporibus. Ratione, nam deserunt! At quam repellat hic repellendus.

        </div>

</body>

</html>