**Web Programming (BCSE203E)**

**E2+TE2**

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**Assignment 6,7**

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

**Assignment 6**

**Q1**

**Code:**

<!DOCTYPE html>

<html>

<head>

<title>ex1</title>

<style>

li::first-letter

{

 text-transform: uppercase;

}

li::marker

{

color:rgb(172,209,226);

}

li

{

color:rgb(172,209,226);

font-weight:bold;

font-size:15px;

}

</style>

</head>

<body>

<table width="20%" style="border-color:orange;border-width:2px;border-style:solid;border-collapse:collapse">

<tr>

<th  style="background-color:orange;color:white;padding:7px" align="left">LEARN DATA SCIENCE!</th>

</tr>

<tr>

<td style="padding:4px">

<ul>

<li>unlimited jobs</li>

<li>best benefits anywhere</li>

<li>call now for an appointment</li>

</ul>

</td>

</tr>

</table>

</body>

</html>

Q2

<!DOCTYPE html>

<html>

<head>

    <title>Question 2</title>

    <link rel="stylesheet" type="text/css" href="styles.css">

</head>

<body>

    <table class="table1" cellspacing=10px>

        <tr>

            <td class="clear">C</td>

            <td colspan="3" class="space"></td>

        </tr>

        <tr>

            <td class="character">7</td>

            <td class="character">8</td>

            <td class="character">9</td>

            <td class="operator">+</td>

        </tr>

        <tr>

            <td class="character">4</td>

            <td class="character">5</td>

            <td class="character">6</td>

            <td class="operator">-</td>

        </tr>

        <tr>

            <td class="character" id="one">1</td>

            <td class="character">2</td>

            <td class="character">3</td>

            <td class="operator">+</td>

        </tr>

        <tr>

            <td class="character">0</td>

            <td class="character">.</td>

            <td class="equals">=</td>

            <td class="operator">x</td>

        </tr>

    </table>

</body>

</html>

**Styles.css**

.table1 {

    background-color: rgb(156, 210, 232);

    width: 400px;

    padding: 20px;

    text-align: center;

    height: 400px;

    border-radius: 0px;

}

td {

    border-radius: 10px;

}

.clear {

    background-color: pink;

    border-bottom: rgb(255, 122, 137) solid 4px;

    color: white;

    border-bottom: gray solid 4px;

}

.clear:hover {

    background-color: red;

    color: white;

}

.space {

    background-color: rgb(123, 167, 189);

    box-shadow: 0px -5px grey;

}

.character {

    background-color: rgb(255, 255, 255);

    border-bottom: gray solid 4px;

}

.one:hover {

    background-color: blue;

}

.character:hover {

    background-color: grey;

}

.operator:hover {

    background-color: pink;

}

#one:hover {

    background-color: blue;

}

#one {

    background-color: rgb(157, 138, 243);

    color: white;

    border-bottom: rgb(105, 82, 205) solid 4px;

}

.operator {

    background-color: rgb(255, 240, 244);

    border-bottom: gray solid 4px;

}

.equals {

    background-color: rgb(241, 254, 154);

    border-bottom: rgb(156, 164, 87) solid 4px;

}

.equals:hover {

    background-color: rgb(90, 94, 50);

}

.space:hover {

    background-color: blue;

}

Q3

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Document</title>

    <style type="text/css">

        .img {

            border-radius: 50%;

            height: 150px;

            width: 150px;

            border: 2px solid green;

        }

        .styledtext {

            animation-name: textanim;

            animation-duration: 4s;

            animation-timing-function: ease-in-out;

            animation-iteration-count: infinite;

        }

        @keyframes textanim {

            0% {

                font-size: 14px;

                color: red;

            }

            20% {

                font-size: 18px;

                color: yellow;

            }

            40% {

                font-size: 22px;

                color: blue;

            }

            60% {

                font-size: 26px;

                color: brown;

            }

            80% {

                font-size: 30px;

                color: green;

            }

            100% {

                font-size: 34px;

                color: orange;

            }

        }

    </style>

</head>

<body>

    <center>

        <figure>

            <img src="bill.jpeg" class="img" title="Fig 1. Bill Withers" />

            <figcaption><span class="styledtext">Fig 1. Bill Withers</span></figcaption>

        </figure>

    </center>

</body>

</html>

**Assignment 7**

Q1

<!DOCTYPE html>

<html>

<head>

    <title>VIT College Life</title>

    <style>

        .college-life {

            margin: 25px;

            background-color: rgb(255, 255, 0);

            padding: 20px;

            border: 6px solid green;

            width: 400px;

            height: 100px;

        }

        .text-content {

            background-color: #0000ff;

            padding: 20px;

            height: 60px;

            width: 360px;

            color: white;

            font-family: Arial, sans-serif;

        }

    </style>

</head>

<body>

    <div class="college-life">

        <div class="text-content">

            <p>My time in VIT was great. I was there for 4 years . I got a great placement afterwards.</p>

        </div>

    </div>

</body>

</html>

Q2

<!DOCTYPE html>

<html>

<head>

    <title>Pet Animals</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1 class="rainbow">Welcome to Pet World</h1>

    <div class="description">

        <p>

            I have a pet dog named Dog. He loves to play with his ball and run in the garden.

        </p>

    </div>

    <div class="play">

        <img src="dog.png" class="dog" alt="dog">

        <svg class="ball" width="100" height="100">

            <circle cx="50" cy="50" r="20" fill="red" />

        </svg>

    </div>

</body>

</html>

Style.css

body {

    background-image: url('image.png');

    background-repeat: no-repeat;

    background-size: cover;

}

.rainbow {

    text-align: center;

    font-size: 32px;

    color: violet;

    animation: rainbow 3s infinite;

}

@keyframes rainbow {

    0% { color: red; }

    20% { color: orange; }

    40% { color: yellow; }

    60% { color: green; }

    80% { color: blue; }

    100% { color: violet; }

}

.description {

    column-count: 2;

    line-height: 30pt;

    padding: 10px;

    background: rgba(255, 255, 255, 0.7);

    margin: 20px;

}

.play {

    display: flex;

    align-items: center;

    justify-content: center;

    margin-top: 30px;

    gap: 30px;

}

/\* Dog image \*/

.dog {

    width: 400px;

}

/\* Ball animation \*/

.ball {

    animation: moveBall 2s infinite alternate;

}

@keyframes moveBall {

    0% {

        transform: translateX(0) rotate(0deg);

    }

    100% {

        transform: translateX(100px) rotate(360deg) skewX(20deg);

    }

}