Web Tech Lab Question 1
28th August 2024

Question:

Make 5 different web pages out of which first page is your home page with links to other four pages.

SOURCE CODE:

index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Lab Assignment 1</title>
</head>
<body background="./HTML 5 BG.jfif" style="background-repeat: no-repeat; background-size:cover;">
    <marquee style="font-size:50px;">HTML TUTORIAL</marquee>
    <br><br>
    <div align="center" style="font-size:20px;">
        <br>
        <i> <a href="./page2.html"> Redirect to Page 2</a></i> <br>
        <i> <a href="./page3.html"> Redirect to Page 3</a></i> <br>
        <i> <a href="./page4.html"> Redirect to Page 4</a></i> <br>
        <i> <a href="./page5.html"> Redirect to Page 5</a></i> <br>
    </div>
</body>
</html>
```

page2.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Page 2</title>
</head>
<body background="./Page2 BG.jfif" style="background-repeat: no-repeat; background-size:cover;">
    <h2 style="font-size:50px;"align="center">This is Page 2 </h2>
    <div align="center" style="font-size:20px;">
        <a href="./index.html"> Redirect to Home Page</a> <br>
        <a href="./page3.html"> Redirect to Page 3</a> <br>
        <a href="./page4.html"> Redirect to Page 4</a> <br>
        <a href="./page5.html"> Redirect to Page 5</a> <br>
    </div>
</body>
</html>
```

page3.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Page 3</title>
</head>
<body background="./page3 BG.png" style="background-repeat: no-repeat; background-size:cover;">
    <h2 style="font-size:50px;" align="center">This is Page 3 </h2>
    <div align="center" style="font-size:20px;">
        <a href="./index.html"> Redirect to Home Page</a> <br>
        <a href="./page2.html"> Redirect to Page 2</a> <br>
        <a href="./page4.html"> Redirect to Page 4</a> <br>
        <a href="./page5.html"> Redirect to Page 5</a> <br>
    </div>
</body>
</html>
```

page4.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Page 4</title>
</head>
<body background="./page4 BG.png" style="background-repeat: no-repeat; background-size:cover;">
    <h2 style="font-size:50px;"align="center">This is Page 4 </h2>
    <div align="center" style="font-size:20px;">
        <a href="./index.html"> Redirect to Home Page</a> <br>
        <a href="./page2.html"> Redirect to Page 2</a> <br>
        <a href="./page3.html"> Redirect to Page 3</a> <br>
        <a href="./page5.html"> Redirect to Page 5</a> <br>
    </div>
</body>
</html>
```
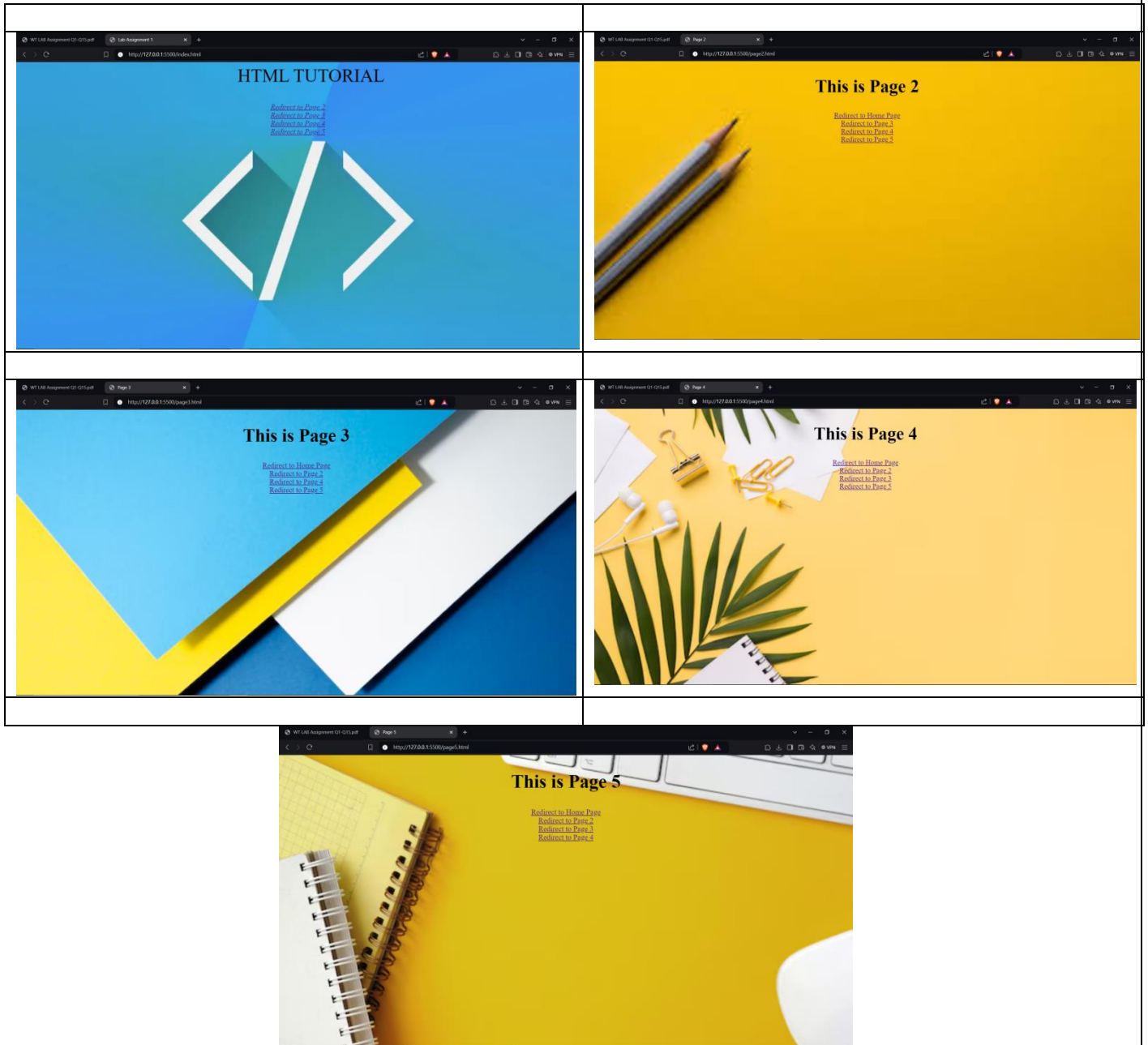
page5.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Page 5</title>
</head>
<body background="./page5 BG.png" style="background-repeat: no-repeat; background-size:cover;">
    <h2 style="font-size:50px;"align="center">This is Page 5 </h2>
    <div align="center" style="font-size:20px;">
        <a href="./index.html"> Redirect to Home Page</a> <br>
        <a href="./page2.html"> Redirect to Page 2</a> <br>
        <a href="./page3.html"> Redirect to Page 3</a> <br>
        <a href="./page4.html"> Redirect to Page 4</a> <br>
    </div>
</body>
</html>
```
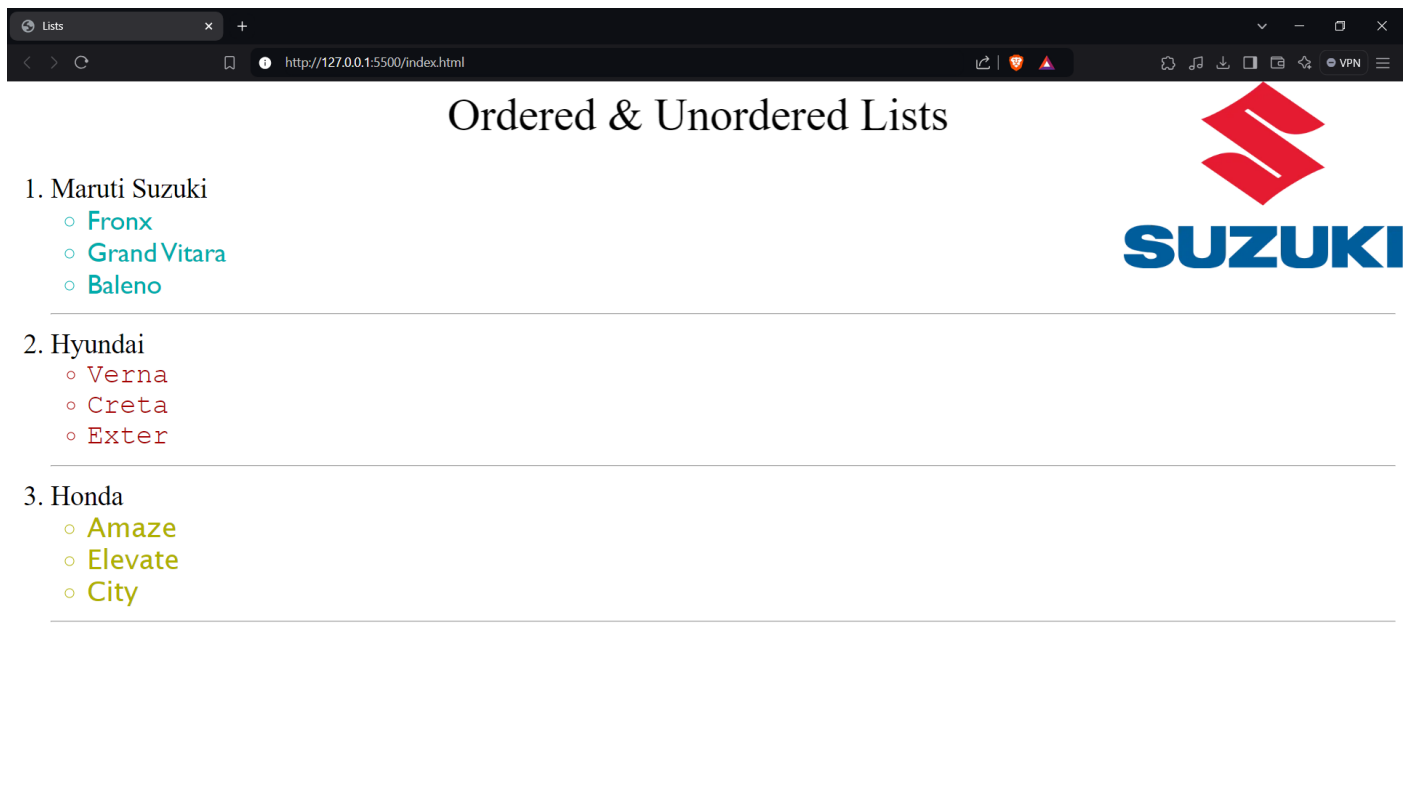
Web Tech Lab Question 2
30th August 2024

Question:

Create an unordered list nested inside ordered list and apply the following:

- Insert an image of Main item on top right corner of web page.
- Display heading as Marquee. □
- Use different font styles and colors for different ordered list items.
- Insert Horizontal lines after each ordered item.

OUTPUT:

index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Lists</title>
</head>
<body background="./Maruti Suzuki Logo.webp" style="background-repeat: no-repeat;
     background-position: top right; background-size: 20%;" >
    <marquee style="font-size:50px;">Ordered & Unordered Lists</marquee>
    <ol style="font-size:30px;">
        <li>Maruti Suzuki</li>
        <ul style="color: rgb(0, 172, 172); font-family:'Gill Sans';">
            <li>Fronx</li>
            <li>Grand Vitara</li>
            <li>Baleno</li>
        </ul>
        <hr>
        <li>Hyundai</li>
        <ul style="color: rgb(165, 0, 0); font-family: 'Courier New';">
            <li>Verna</li>
            <li>Creta</li>
            <li>Exter</li>
        </ul>
        <hr>
        <li>Honda</li>
        <ul style="color: rgb(176, 176, 0); font-family: 'Lucida Sans';">
            <li>Amaze</li>
            <li>Elevate</li>
            <li>City</li>
        </ul>
        <hr>
    </ol>
</body>
</html>
```

Web Tech Lab Question 3
07ᵗʰ September 2024

Question:

Design a table with row span and column span and make use of attributes colspan, rowspan, width, height, cellpadding, cellspacing etc.

SOURCE CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Table with Attributes</title>
</head>
<body>
    <marquee style="font-size:50px;">Ordered & Unordered Lists</marquee>
    <table border="1px" align="center" width="300px" height="200px">
        <tr>
            <th colspan="3">Information</th>
        </tr>
        <tr align="center">
            <th rowspan="2">Data</th>
            <td>Saksham S.</td>
            <td>353</td>
        </tr>
        <tr align="center">
            <td>Someone</td>
            <td>Some Rank</td>
        </tr>
    </table>
</body>
</html>
```

OUTPUT:

Ordered & Unordered Lists

Information		
Data	Saksham S.	353
	Someone	Some Rank

Web Tech Lab Question 4
10th September 2024

Question:

Design the following frame using HTML and CSS.

SOURCE CODE:

index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Creating Frames</title>
</head>
<frameset cols="*,*">
    <frame src="./page1.html">
    <frameset rows="80,20">
        <frame src="./page2.html">
        <frame src="./page3.html">
    </frameset>
</frameset>
<body>
</body>
</html>
```

page1.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>page1</title>
</head>
<body style="font-size: 100px;">
    <p>MAIN MENU</p>
    <a href="https://gradstudies.musc.edu/about/blog/2021/09/covid19-and-its-variants"
    target="_blank">Topic 1</a> <br>
    <a href="https://www.worldometers.info/coronavirus/country/india/" target="_blank">Topic
    2</a><br>
    <a href="https://www.pnbmetlife.com/articles/health/precautions-to-be-taken-in-covid-19-
    pandemic.html" target="_blank">Topic 3</a>
</body>
</html>
```

page2.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>page2</title>
</head>
<body style="font-size: 65px;">
    <p>Explanations</p>
    <p>------------</p>
    <p>------------</p>
    <p><u>View Example</u></p>
</body>
</html>
```
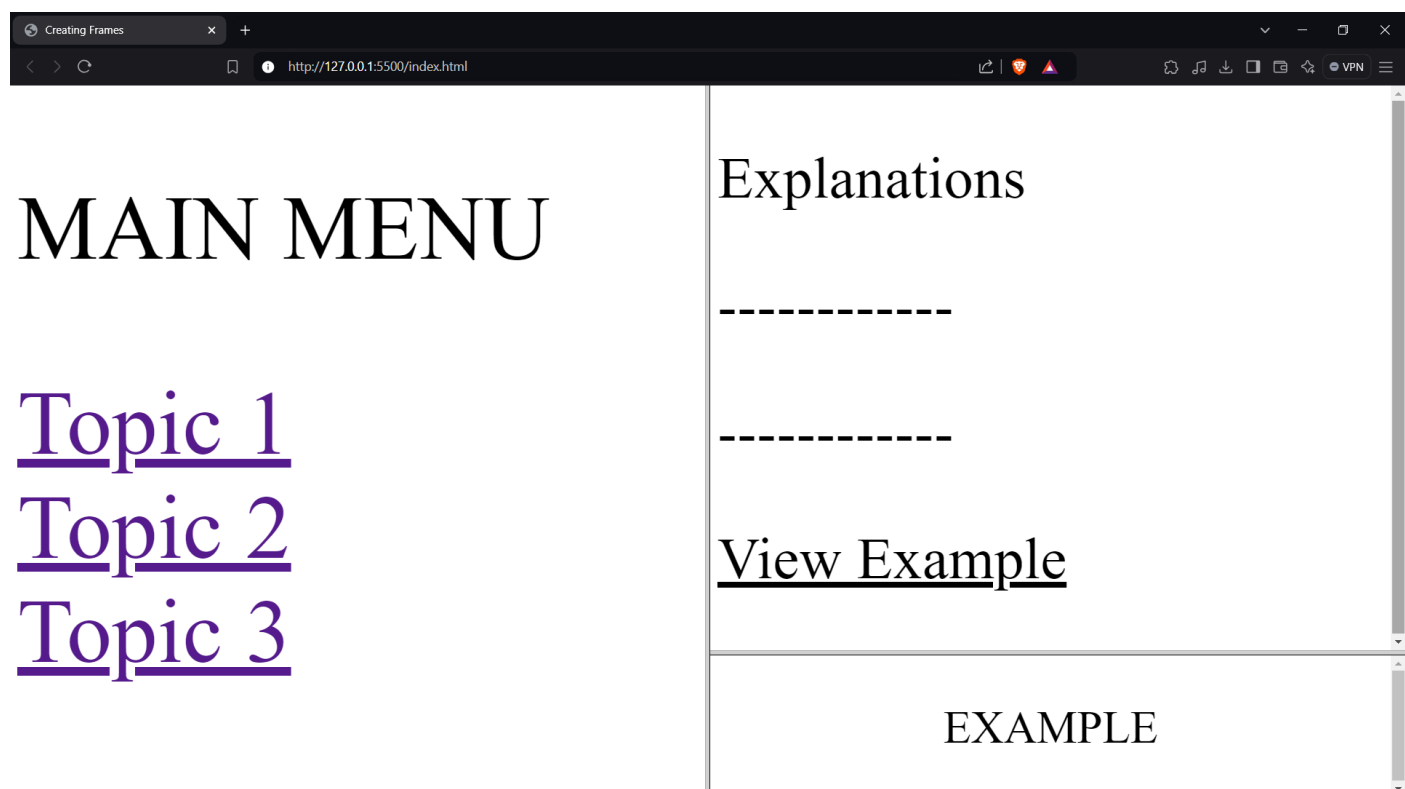
page3.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>page3</title>
</head>
<body>
    <p style="text-align: center; font-size: 50px;">EXAMPLE</p>
</body>
</html>
```
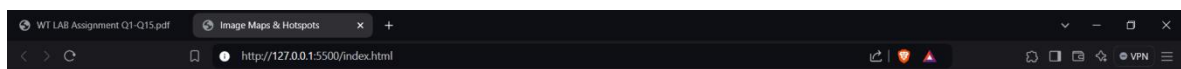
OUTPUT:

Web Tech Lab Question 5
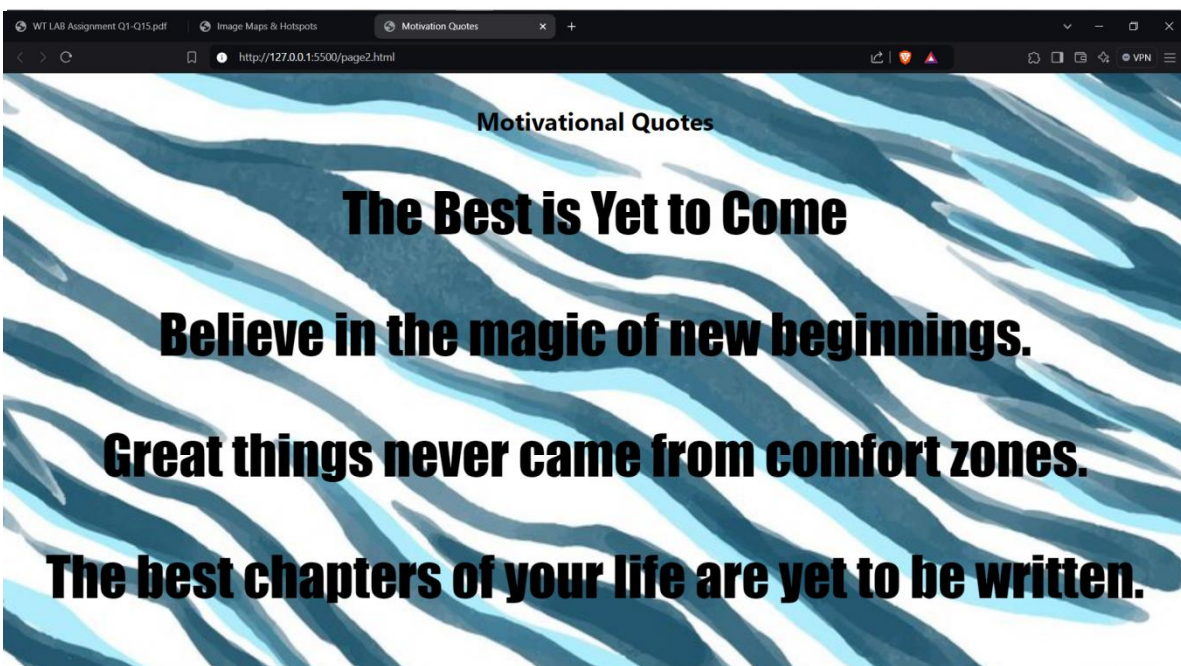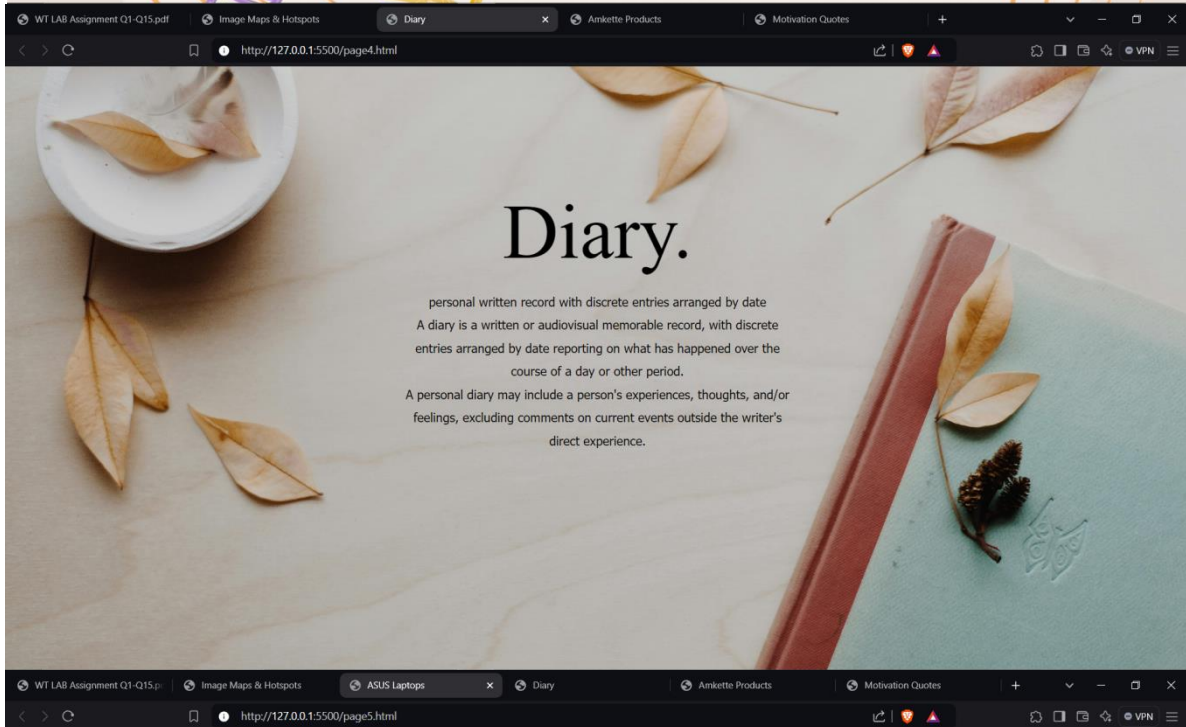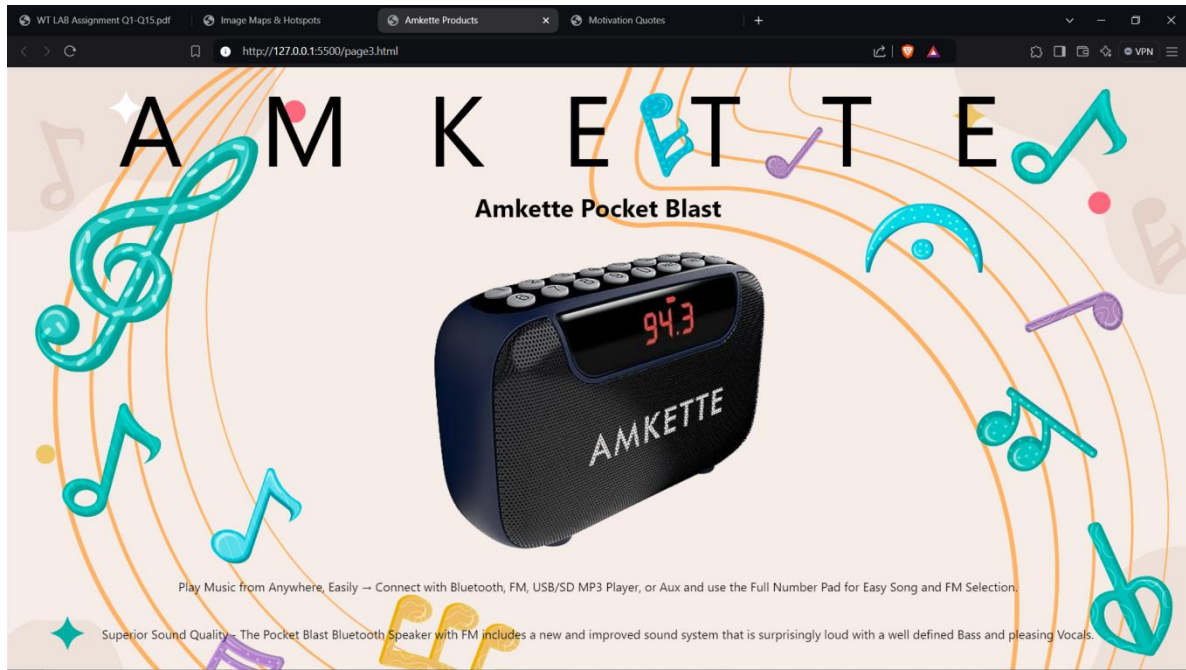## 22th September 2024

Question:

Make an image map showing the usage of shape, cords, href attributes in map. Link each hot-spot to their respective details. All the web pages should be designed with proper background color, images, font styles and headings.

OUTPUT:

A M K E T T E

Amkette Pocket Blast

Play Music from Anywhere, Easily → Connect with Bluetooth, FM, USB/SD MP3 Player, or Aux and use the Full Number Pad for Easy Song and FM Selection.

Superior Sound Quality – The Pocket Blast Bluetooth Speaker with FM includes a new and improved sound system that is surprisingly loud with a well defined Bass and pleasing Vocals.

Diary.

personal written record with discrete entries arranged by date
A diary is a written or audiovisual memorable record, with discrete entries arranged by date reporting on what has happened over the course of a day or other period.
A personal diary may include a person's experiences, thoughts, and/or feelings, excluding comments on current events outside the writer's direct experience.

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SOURCE CODE:
HTML

index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Image Maps & Hotspots</title>
    <link rel="stylesheet" href="style.css">
</head>
<body id="indexPage">
    <h1 class="text">Lab Assignment 5: <small>Image Maps</small></h1>
    <map name="flatLay">
        <area shape="rect"
        coords="375,158,645,416"
        href="./page2.html"
        target="_blank">
        <area shape="poly"
        coords="383,494,434,432,478,527,363,652,333,514"
        href="./page3.html"
        target="_blank">
        <area shape="poly"
        coords="740,262,915,336,806,552,654,478"
        href="./page4.html"
        target="_blank">
        <area shape="poly"
        coords="0,9,236,295,544,56,505,0"
        href="./page5.html"
        target="_blank">
    </map>
    <img usemap="#flatLay" src="./Flat Lay.png" alt="Flat Lay" usemap="flatLay" id="mainImg">
</body>
</html>
```

page2.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Motivation Quotes</title>
    <link rel="stylesheet" href="style.css">
</head>
<body id="page2">
    <h1 class="text">Motivational Quotes</h1>
    <p class="text quotes"> The Best is Yet to Come</p>
    <p class="text quotes"> Believe in the magic of new beginnings.</p>
    <p class="text quotes"> Great things never came from comfort zones.</p>
    <p class="text quotes"> The best chapters of your life are yet to be written.</p>
</body>
</html>
```

page3.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Amkette Products</title>
    <link rel="stylesheet" href="style.css">
</head>
<body id="page3">
    <pre class="text amketteFont">AMKETTE</pre>
    <h1 class="text">Amkette Pocket Blast</h1>
    <img id="amketteImg" src="./Amkette.png" alt="Amkette">
    <p class="text">Play Music from Anywhere, Easily → Connect with Bluetooth, FM, USB/SD MP3
Player, or Aux and use the Full Number Pad for Easy Song and FM Selection.</p>
    <p class="text">Superior Sound Quality - The Pocket Blast Bluetooth Speaker with FM
includes a new and improved sound system that is surprisingly loud with a well defined Bass and
pleasing Vocals.</p>
</body>
</html>
```

page4.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Diary</title>
    <link rel="stylesheet" href="style2.css">
</head>
<body id="page4">
    <div>
        <p class="text diaryMain"> Diary.</p>
        <p class="text">personal written record with discrete entries arranged by date</p>
        <p class="text">A diary is a written or audiovisual memorable record, with discrete
entries arranged by date reporting on what has happened over the course of a day or other
period.</p>
        <p class="text">A personal diary may include a person's experiences, thoughts, and/or
feelings, excluding comments on current events outside the writer's direct experience.</p>
    </div>
</body>
</html>
```

page5.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>ASUS Laptops</title>
    <link rel="stylesheet" href="style2.css">
</head>
<body>
    <p class="text asusR">ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS
ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS</p>
    <p class="text asusR2">ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS
ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS ASUS</p>
    <img id="asusLPT" src="./asus.png" alt="ASUS LAPTOP">
</body>
</html>
```

CSS

style.css

```css
*{
    margin: 0%;
    padding: 0%;
}
.text{
    margin-top: 40px;
    text-align: center;
    font-family:'Segoe UI', Tahoma,
Geneva, Verdana, sans-serif
}
#page2{
    background-image: url("./page2\
Bg.jpg");
    background-size: cover;
}
#page3{
    background-image: url("./music\
Bg.jpg");
    background-size: cover;
}
#mainImg{
    height: auto;
    width: 1000px;
    display: block;
    margin: 50px auto;
    padding: 10px;
    border: 4px solid grey;
    border-radius: 3rem;
}
.quotes{
    font-size: 70px;
    line-height: 15vh;
    font-family: Impact,
Haettenschweiler, 'Arial Narrow
Bold', sans-serif !important;
}
.amketteFont{
    font-size: 130px;
    letter-spacing: 100px;
    line-height: 90px;
    margin: 30px 0px;
}
#amketteImg{
    display: block;
    margin: -50px auto;
    padding: 10px;
    mix-blend-mode:darken
}
```

style2.css

```css
*{
    margin: 0%;
    padding: 0%;
}
body{
    overflow: hidden;
}
.text{
    line-height: 30px;
    text-align: center;
    font-family:Tahoma, Geneva, Verdana,
sans-serif;
}
#page4{
    background-image: url("./diary\
Bg.jpg");
    background-size: cover;
}
div{
    margin: 200px auto;
    width: 500px;
}
.diaryMain{
    font-size: 100px;
    font-family:'Gill Sans';
    margin: 60px 0px;
}
.asusR{
    font-family:'Segoe UI', Tahoma,
Geneva, Verdana, sans-serif;
    font-weight: 500;
    font-size: 100px;
    line-height: 150px;
    text-align: justify;
}
.asusR2{
    font-family:'Segoe UI', Tahoma,
Geneva, Verdana, sans-serif;
    font-weight: 500;
    position: absolute;
    top: 0;
    z-index: 2;
    font-size: 100px;
    line-height: 150px;
    text-align: justify;
    -webkit-text-stroke: 1px white;
    color: transparent;
}
#asusLPT{
    width: 700px;
    position: fixed;
    z-index: 1;
    top: 15vh;
    left: 27vw;
}
```

Web Tech Lab Question 6
23th September 2024

Question:

Design Student Registration Form for admission in college.

SOURCE CODE:

HTML

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Registration Forum</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="header">
        <p class="text">Student Registration Form</p>
    </div>
    <div class="contents">
        <h2 class="heading">Fill out the Following Forum</h2>
        <hr>
        <form class="form" action="none">
            <table>
                <tr>
                    <th>
                        <label for="101" class="text">Full Name</label> <br><br><br>
                        <label for="102" class="text">Date of Birth</label> <br><br><br>
                        <label for="103" class="text">Gender</label> <br><br><br>
                        <label for="104" class="text">Opt Degree</label> <br><br><br>
                        <label for="105" class="text">12th Percentage</label> <br><br><br>
                        <label for="106" class="text">Phone Number</label> <br><br><br>
                        <label for="107" class="text">Address</label> <br><br><br>
                        <label for="108" class="text">Marksheet XII</label> <br><br><br>
                        <label for="109" class="text">Medical Certificate</label> <br><br><br>
                        <label for="110" class="text">Your Query</label>
                    </th>
                    <td>
                        <input type="Name" id="101" placeholder="First Name" required>
                        <input type="Name" id="101" placeholder="Last Name" required>
                        <br>

                        <input type="date" id="102" required>
                        <br>
                        <label for="103.1" class="text">Male</label>
                        <input type="radio" id="103.1" name="Gender" value="Male" required>
                        <label for="103.2" class="text">Female</label>
                        <input type="radio" id="103.2" name="Gender" value="Female" required>
                        <br>

                        <select name="Degree" id="104" required>
                            <option value="please select">--Select and Option--</option>
                            <option value="BBA"> BBA </option>
                            <option value="BcA"> BCA </option>
                            <option value="BJMC"> BJMC </option>
                            <option value="BMS"> BMS </option>
                            <option value="BSc"> BSc </option>
                        </select>
```

```html
                                <br>
                                <input type="number" name="percentage" id="105"
                                 placeholder="Percentage" required>
                                <br>
                                <input type="tel" id="106" name="Phone" pattern="[0-9]{10}"
                                 maxlength="10" minlength="10" placeholder="Contact No." required>
                                <br>

                                <input type="text" id="107" name="Address" placeholder="City Name">
                                <input type="text" id="107" name="Address" placeholder="State Name"
                                 required>
                                <br>

                                <input type="file" name="Marksheet" id="108" accept=".pdf" required>
                                <br>
                                <input type="file" name="Medical" id="109" accept=".pdf" required>
                                <textarea id="110" name="Query" placeholder="Enter Your Concern"
                                 rows="3" cols="15"></textarea>
                                <br>
                                <input id="submit" type="submit" value="Submit" />
                        </td>
                    </tr>
            </form>
        </div>
</body>
</html>
```

CSS

```css
*{
    margin: 3px;
    padding: 1px;
    overflow: hidden;
}
body{
    background-image: url('./bg.png');
    background-size: contain;
}
.header{
    position: fixed;
    top: 0;
    width: 98vw;
    height: 50px;
    background-color: bisque;
    border: 4px solid rgb(53, 53, 53);;
}
.header p{
    font-size: 35px;
    font-family: 'Franklin Gothic Medium';
    letter-spacing: .45rem;
}
.text{
    text-align: center;
    font-size: 15px;
    color: rgb(53, 53, 53);
}
h2{
    text-align: center;
    margin-bottom: 13px;
}
hr{
    border: none;
    border-top: 3px solid rgb(255, 215, 166);
}
```

```css
.contents{
    height: 600px;
    width: 550px;
    max-width: fit-content;
    margin: 90px auto;
    background-color:bisque;
    border: 4px solid rgb(53, 53, 53);
    border-radius: 1.3rem;
}
.contents .text{
    font-size: 16px;
}
th{
    transform: translateY(-32px);
    line-height: 15px;
}
td{
    line-height: 45px;
}
input, textarea, select{
    background-color: rgb(255, 215, 166);
    outline: none;
    border: 1px solid rgb(53, 53, 53);;
    border-radius: .4rem;
    padding: 5px 5px
}
#submit{
    width: 100px;
}
#submit:hover{
    cursor: pointer;
}
```

OUTPUT:

Web Tech Lab Question 7
24th September 2024

Question:

Create a webpage and show the usage of inline, internal and external stylesheets.

SOURCE CODE:
HTML

index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Types of Stylesheet</title>
</head>
<frameset rows="*,*,*">
    <frame src="./frame1.html">
    <frame src="./frame2.html">
    <frame src="./frame3.html">
</frameset>
<body>
</body>
</html>
```

frame1.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Inline CSS</title>
</head>
<body>
    <h1 style="text-align: center; ">Using <u>Inline</u> type of CSS</h1>
    <div style=" margin-left: 350px ; width: 50vw; border: 2px solid black; border-radius:
    1.5rem; background-color: grey;">
        <p style="margin-left: 20px; font-size: larger;">In this frame we are using Inline
        CSS</p>
        <p style="margin-left: 20px; font-size: larger;">When we individualy style every
            tag using 'style' attribute, it is known as Inline Styling.</p>
    </div>
    <h4 style="margin-left: 350px;">*for every element in this frame individual Inline
    Styling has been provided.</h4>
</body>
</html>
```

frame2.html

```html
<html lang="en">
<head>
    <title>Internal CSS</title>
    <style>
        body{
            background-color: rgb(6, 2, 21);
        }
        h1{
            text-align: center;
            color: beige;
        }
        div{
            margin-left: 350px;
            width: 50vw;
            border: 2px solid beige;
            border-radius: 1.5rem;
            background-color: grey;
        }
        p{
            margin-left: 20px;
            font-size: larger;
            color: beige;
        }
        h4{
            color: beige;
            margin-left: 350px;
        }
    </style>
</head>
<body>
    <h1>Using <u>Internal</u> type of CSS</h1>
    <div>
        <p >In this frame we are using Internal CSS</p>
        <p >When CSS is written within the script tag inside of head tag, it is known as
        Internal Styling.</p>
    </div>
    <h4>*for every element in this frame Internal Styling has been provided in head tag.</h4>
</body>
</html>
```

frame3.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Internal CSS</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <h1>Using <u>External</u> type of CSS</h1>
    <div>
        <p>In this frame we are using External CSS</p>
        <p>When CSS is written in an external text file with .css extension and is linked with
        the current html file using link tag is known as External CSS.</p>
    </div>
    <h4>*for every element in this frame External Styling has been provided in style.css
    file.</h4>
</body></html>
```
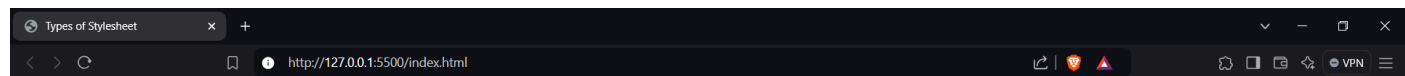
style.css

```css
h1{
    text-align: center;
    color: black;
}
div{
    margin-left: 350px;
    width: 50vw;
    border: 2px solid black;
    border-radius: 1.5rem;
    background-color: grey;
}
p{
    margin-left: 20px;
    font-size: larger;
    color: black;
}
h4{
    color: black;
    margin-left: 350px;
}
```

OUTPUT:

Using __Inline__ type of CSS

In this frame we are using Inline CSS

When we individualy style every tag using 'style' attribute, it is known as Inline Styling.

*for every element in this frame individual Inline Styling has been provided.

Using __Internal__ type of CSS

In this frame we are using Internal CSS

When CSS is written within the script tag inside of head tag, it is known as Internal Styling.

*for every element in this frame Internal Styling has been provided in head tag.

Using __External__ type of CSS

In this frame we are using External CSS

When CSS is written in an external text file with .css extension and is linked with the current html file using link tag is known as External CSS.

*for every element in this frame External Styling has been provided in style.css file.