**Web Application Development Lab**

**Assignment – 1**

**HTML**

1. **Create a HTML page and perform the following operation –**
   1. **Display “Web Application Development” in an h1 tag**
   2. **Display “Master in Computer Application” in an h4 tag**
   3. **Display a moving text “Happy Learning” with the yellow background color. Use different attributes to control the speed, behavior, and direction.**
   4. **Write a paragraph about HTML using p tag**
   5. **Take any image and display in the web page. Control the height and the width of the image.**
   6. **Create a hyperlink to link google.com using anchor tag**

**Code:-**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>22mmcb28||Prem</title>

</head>

<body>

<h1>Web Application Devlopment</h1>

<h4>Master in Computer Application</h4>

<marquee behavior="altrnate" direction="right" scrollamount="10" bgcolor="yellow">Happy Learning</marquee>

<p>

The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It defines the meaning and structure of web content. It is often assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

</p>

<img src="./../images/calm.avif" alt="image of the south korea" height="650px" width="500px">

<br>

<a href="https://www.google.com/">Google</a>

</body>

</html>

1. **Create a HTML page and perform the following operation –**
   1. **Display the following unordered List –** 
      * **Water**
      * **Milk**
      * **Tea**
      * **Coffee**
      * **Juice**
   2. **Display the following ordered list –**
      * 1. **Asia**
        2. **Africa**
        3. **North America**
        4. **South America**
        5. **Antarctica**
        6. **Europe**
        7. **Oceania**
   3. **Display the following nested list –**
2. **Algebraic Formula:** 
   1. **(a + b)2 = a2+b2+2ab**
   2. **(a - b)2 = a2+b2 -2ab**
3. **Co-Ordinate Geometric Formula:** 
   1. **Distance between (x1,y1) and (x2,y2) is √ ((x1-x2) 2+(y1-y2) 2**
   2. **The midpoint between (x1,y1) and (x2,y2) is ((1/2)(x1 + x2), (1/2)(y1 + y2))**

**Code:-**

<!DOCTYPE html>

<html lang="en">

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

<title>22mmcb28||Prem</title>

</head>

<body>

<ol type="a">

<li>Display the following unordered List –</li>

<ul type="square">

<li>Water</li>

<li>Milk</li>

<li>Tea</li>

<li>Coffee</li>

<li>juice</li>

</ul>

<li>Display the following ordered list –</li>

<ol type="I">

<li>Asia</li>

<li>Africa</li>

<li>Antartica</li>

<li>Nort America</li>

<li>South America</li>

<li>Europe</li>

<li>Oceania</li>

</ol>

<li>Display the following nested list –</li>

<ol type="1">

<u><li>Algebraic Formula:</li></u>

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

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

<u><li>Co-Ordinate Geometric Formula:</li></u>

<ul>Distance between (x<sub>1</sub>,y<sub>1</sub>) and (x<sub>2</sub>,y<sub>2</sub>) is √ ((x<sub>1</sub>-x<sub>2</sub>)<sup>2</sup>+(y<sub>1</sub>-y<sub>2</sub>)<sup>2</sup>

</ul>

<ul>The midpoint between (x <sub>1</sub>,y<sub>1</sub>) and (x<sub>2</sub>,y<sub>2</sub>) is ((1/2)(x<sub>1</sub> + x<sub>2</sub>), (1/2)(y<sub>1</sub> + y<sub>2</sub>))</ul>

</ol>

</ol>

</body>

</html>