1. **Design a webpage using different text formatting tags**

<!DOCTYPE html>

<html><head>

<title> diffrent text formatting tags </title></head >

<body>

<h1> heading 1 </h1>

<h2> heading 2 </h2>

<p> the gardener poem says</p>

Silly gardner! Summer goes<br>

and winter comes with pinching<br>

when in the garden bare and brown<br>

You Must Tay your barrow down<br>

<b><li><u> hello friends </u><li></b>

<p>h<sub>2</sub>So<sub>4</sub><br>

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

h<sub>2</sub>o<br>

<Pre> hello friends how are you? I am fine and

I hope you are also fine.</pre><br><br>

</body>

</html>

1. **Design a web page with a form that uses all types of control**

<!DOCTYPE html>

<html>

<head>

<title>www.form.com</title>

</head>

<body bgcolor="#C33999" text="white">

<center>

<b><i><u>

<font face="Arial Black" color="#FFFF66" size="7">

ENTER FOR REGISTRATION

</font>

</u></i></b>

</center>

<form action="mailto:info@sophiocollegemumbai.com" method="post">

<p>NAME: <input type="text" size="20"></p>

<p>PASSWORD: <input type="password" size="15"></p>

<p>ADDRESS:</p>

<textarea rows="2" cols="15"></textarea>

<p>GENDER:</p>

<input type="radio" name="gender" value="male"> MALE

<input type="radio" name="gender" value="female"> FEMALE

<p>CLASS:</p>

<select name="class">

<option value="FYBSCIT">FYBSCIT</option>

<option value="SYBSCIT">SYBSCIT</option>

<option value="TYBSCIT">TYBSCIT</option>

</select>

<p>COUNTRY:</p>

<select name="country">

<option value="ind">India</option>

<option value="nep">Nepal</option>

<option value="sik">Sri Lanka</option>

<option value="eng">England</option>

</select>

<p>SUBJECT:</p>

<input type="checkbox" name="subject" value="web\_technologies"> Web Technologies<br>

<input type="checkbox" name="subject" value="applied\_math"> Applied Mathematics<br>

<input type="checkbox" name="subject" value="networking"> Introduction to Networking<br>

<input type="checkbox" name="subject" value="dbms"> DBMS<br>

<input type="checkbox" name="subject" value="digital\_communication"> Digital Communication<br>

<p>

<input type="submit" value="SEND">

<input type="reset" value="CLEAR">

</p>

</form>

</body>

</html>

1. **Design a web page with links to different pages and allow navigation between web pages.**

**a)** Create a page **one.html** having a link to **two.html**. Create **two.html** having a link to **three.html**. Print **"Welcome to Hyperlinks"** in **three.html**.

**b)** Create an HTML page and demonstrate **"Hyperlinking to anchor"**, i.e., linking within the same page using the concept of bookmarks/anchors.

#One HTML

<!DOCTYPE html>

<html>

<head>

<title>One HTML</title>

</head>

<body>

<a href="two.html">Go To Two HTML</a>

</body>

</html>

#Two HTML

<!DOCTYPE html>

<html>

<head>

<title>Two HTML</title>

</head>

<body>

<p>Welcome to Two HTML</p>

<a href="three.html">Go to Three HTML</a>

</body>

</html>

#Three HTML

<!DOCTYPE html>

<html>

<head>

<title>Three HTML</title>

</head>

<body>

Welcome to Hyperlinks

<p><a href="one.html">Go to One HTML</a></p>

</body>

</html>

1. **Internal HTML Link**

<!DOCTYPE html>

<html>

<head>

<title>Internal Link HTML</title>

</head>

<body>

<a name="top">Top Region</a>

<br>

<a href="#bottom">Go to Bottom</a>

<p> <!-- Add large textual content here --> </p>

<a name="bottom">Bottom Region</a>

<br>

<a href="#top">Go to Top</a>

</body>

</html>

1. **Table HTML**

<!DOCTYPE html>

<!DOCTYPE html>

<html>

<head>

<title>Table HTML</title>

</head>

<body bgcolor="green">

<table width="100%" height="100%" border="2" bgcolor="pink" cellspacing="10" cellpadding="25">

<tr>

<td>TIMING</td>

<td>MONDAY</td>

<td>TUESDAY</td>

<td>WEDNESDAY</td>

<td>THURSDAY</td>

<td>FRIDAY</td>

<td>SATURDAY</td>

</tr>

<tr>

<td>8:00 - 9:00</td>

<td>&nbsp;</td>

<td>CUP (3)</td>

<td>HBSP</td>

<td>NSM (Lab5)</td>

<td>NCLAB</td>

<td rowspan="2">WP PR 2BA</td>

</tr>

<td>9:00 - 10:00</td>

<td>OOPS (37)</td>

<td rowspan="2">MP (Labs) PR</td>

<td>NSM (37)</td>

<td rowspan="2">NSM (Labs) PR</td>

<td>CN (Lab4)</td>

</tr>

<tr>

<td>10:00 - 11:00</td>

<td>MP (37)</td>

<td>NSM (37)</td>

<td>&nbsp; & HShP;</td>

</tr>

<tr>

<td>OOPS PR29 M</td>

<td>11:00 - 11:30</td>

<td colspan="6" align="center">

<h1>Break</h1>

</td>

</tr>

</table>

</body>

</html>

1. **Image Mapping**

<!DOCTYPE html>

<html>

<head>

<title>Image Map</title>

</head>

<body>

<h1>Image Mapping Example</h1>

<img src="image.jpg" usemap="#map" alt="Image Map" width="600">

<map name="map">

<area shape="rect" coords="38,48,192,139" href="http://www.google.com" alt="Rectangle">

<area shape="circle" coords="133,370,80" href="http://www.facebook.com" alt="Circle">

<area shape="poly" coords="538,292,424,620,424,458" href="sopt.html" alt="Polygon">

</map>

</body>

</html>

1. **Multimedia Audio and Video**

<!DOCTYPE html>

<html>

<head>

<title>Multimedia Audio & Video</title>

</head>

<body>

<h1>Playing Audio Here!</h1>

<audio src="1.mp3" type="audio/mpeg" controls autoplay loop></audio>

<h1>Playing Video Here!</h1>

<video src="BlueStone.mp4" type="video/mp4" controls autoplay loop width="600"></video>

</body>

</html>

#Multimedia video

<!DOCTYPE html>

<html>

<head>

<title>Multimedia Video</title>

</head>

<body>

<h1>Video File on the Web Page with Controls</h1>

<video src="1.mp4" type="video/mp4" controls autoplay loop height="150" width="150"></video>

</body>

</html>

1. **Nested List**

<!DOCTYPE html>

<html>

<head>

<title>Nested List Example</title>

</head>

<body bgcolor="#0011FF" text="yellow">

<h1>Course Structure</h1>

<ul type="square">

<li>FYBSC (IT) Semester I

<ul>

<li>English</li>

<li>Maths</li>

<li>DBMS</li>

<li>Networking</li>

<li>C Programming</li>

</ul>

</li>

<li>FYBSC (IT) Semester II

<ul>

<li>Web Technology</li>

<li>Math II</li>

<li>C Programming</li>

<li>Networking</li>

</ul>

</li>

<li>SYBSC (IT) Semester I

<ul>

<li>Logic and Discrete Maths</li>

<li>Java</li>

<li>Advanced SQL</li>

</ul>

</li>

</ul>

</body>

</html>

1. **External Style Sheet**

<!DOCTYPE html>

<html>

<head>

<title>WWW.EXTERNAL.STYLE.COM</title>

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

</head>

<body>

<p>These are plants where</p>

<h3>Ovules are not enclosed in an</h3>

<h4>Ovary but are exposed</h4>

<b>Sporophyte consists of well-developed roots, stem, and leaves.</b>

</body>

</html>

1. **Internal CSS**

<!DOCTYPE html>

<html>

<head>

<title>WWW.STYLE.COM</title>

</head>

<body>

<style>

p {

font-family: "Bella Fashion Personal Use";

color: red;

font-size: 20px;

background-color: pink;

margin-right: 100px;

margin-left: 100px;

letter-spacing: 10px;

}

b {

font-family: "Tahoma";

font-size: 30px;

background-color: green;

color: white;

margin-right: 20px;

margin-left: 100px;

letter-spacing: 20px;

}

</style>

<p>These are plants where ovules are not enclosed in an ovary but are exposed.</p>

<b>Sporophyte consists of well-developed roots, stem, and leaves.</b>

</body>

</html>

1. **CSS**

/\* CSS File: st.css (Cascading Style Sheet) \*/

p {

font-family: "Arial Black";

color: red;

font-size: 20px;

background-color: pink;

margin-right: 10px;

margin-left: 20px;

letter-spacing: 10px;

}

b {

font-family: "Bella Fashion Personal Use";

color: white;

font-size: 10px;

background-color: green;

margin-right: 15px;

margin-left: 25px;

letter-spacing: 8px;

}

h3 {

font-family: "Times New Roman";

color: red;

font-size: 30px;

background-color: lightblue;

margin-right: 5px;

}

h4 {

font-family: "Tahoma";

color: green;

font-size: 10px;

background-color: yellow;

margin-right: 20px;

margin-left: 10px;

letter-spacing: 10px;

}