Practical No. 1 Design a webpage that makes use of

a.Document structure tags

```
<!DOCTYPE html>
<html>
<head>
<title>Welcome to html</title>
</head>
<body>
<h2>SYCS Web Programming</h2>
<p> This contains the information in paragraph</p>
</body>
</html>
```

b. Various text formatting tags

```
<html>
<head>
<title> Text Formatting Tags </title>
</head>
<body bgcolor="pink">
<b> SYCS - Web Programming </b>  <br><br>
<i> SYCS - Web Programming  </i> <br><br>
<u> SYCS - Web Programming </u> <br><br>
X<sup>2 </sup>+ Y<sup>2 </sup>=0 <br><br>
H<sub>2 </sub>So<sub>4</sub>  <br><br>
<s> SYCS - Web Programming </s>  <br><br>
<h1> SYCS - Web Programming </h1>
<h2> SYCS - Web Programming </h2>
<h3> SYCS - Web Programming </h3>
<h4> SYCS - Web Programming </h4>
<h5> SYCS - Web Programming </h5>
<h6> SYCS - Web Programming </h6>

</body>
</html>
```

C. List tags

```
<html>
<head>
<title> List </title>
</head>
<body bgcolor="powderblue">
<h1> Ordered List </h1>
<hr>
<ol>
<li>Web Programming</li>
<li>Object Oriented Programming</li>
<li>Micro processor and Architecture</li>
<li>Mathematics</li>
<li>Green Computing</li>
</ol>
<hr><hr>
<h1> Un-Ordered List </h1>
<hr>
<ul>
<li>Web Programming</li>
<li>Object Oriented Programming</li>
<li>Micro processor and Architecture</li>
<li>Mathematics</li>
<li>Green Computing</li>
</ul>
<hr>
</body>
</html>
```

d.Image and image maps

```
<!DOCTYPE html>
<html>
<head>
        <title>ImageMap</title>
</head>

<body>
        <map name="m1">
        <area shape="poly" coords="355,367,390,262,424,367" href="first.html">
        <area shape="circle" coords="305,216,44" href="one.html">
        <area shape="circle" coords="496,213,38" href="two.html">
```

```html
            <area shape="rectangle" coords="278,407,473,443" href="three.html">
            </map>
            <img src="face.png" usemap="#m1">

  </body>
</html>
```

Practical No.2 Desgin a webpage that makes use of

A.table tags

```html
<html>

        <head>

                <title>

                        Practical 2

                </title>

        </head>

        <body>

                <table border = '1' cellspacing = '0' cellpadding = '5'>

                        <tr>

                                <td colspan = '2'>Telephone</td>

                                <td>Name</td>

                        </tr>

                        <tr>

                                <td rowspan = '2' style='vertical-align:top'>Residence</td>

                                <td>222568</td>

                                <td rowspan = '3' style='vertical-align:top'>Henry Nicholas</td>

                        </tr>

                        <tr>

                                <td>2222570</td>

                        </tr>

                        <tr>

                                <td>Mobile</td>

                                <td>9930937963</td>

                        </tr>

                </table>
```

```html
        </body>
</html>
```

b.form tags

```html
<html>
    <head>
        <title>
            Practical 2
        </title>
    </head>
    <body>
        <form>
            <table>
                <tr>
                    <td>Name: </td>
                    <td><input placeholder='Enter Your Name'/></td>
                </tr>
                <tr>
                    <td>Age: </td>
                    <td><input type = 'number' placeholder='Enter Your
Age'/></td>
                </tr>
                <tr>
                    <td>Phone: </td>
                    <td><input placeholder='Enter Your Contact no.'/></td>
                </tr>
                <tr>
                    <td>Email: </td>
                    <td><input type = 'email' placeholder='Enter Your
Email'/></td>
                </tr>
                <tr>
                    <td>Address: </td>
```

```
                                        <td><textarea cols = '22' rows='4' placeholder='Enter Your
Address'></textarea></td>
                                    </tr>
                                    <tr>
                                        <td></td>
                                        <td><input type='submit' value = 'submit'/></td>
                                    </tr>
                                </table>
                        </form>
                </body>
</html>
```

c.Navigation across multiple pages

One.html
```
<!DOCTYPE html>
<html>
<haed>
        <title>One</title>
</head>
<body>
        <a href="two.html">Go to Two.html</a>
</body>
</html>
```

Two.html
```
<!DOCTYPE html>
<hrtml>
<head>
        <title>Two</title>
</head>
<body>
        Welcome to two.html.
        <br>
        <a href="three.html">Go to three.html</a>
</body>
</html>
```

Three.html
```
<!DOCTYPE html>
<hrtml>
<head>
        <title>Three</title>
</head>
<body>
```

Welcome to Hyperlinks.
 </body>
 </html>

Practical No.3

Design a webpage that make use of css with

a.css properties to change the background of a page

b. css properties to change the fonts and text styles

c. css properties for positioning an element

Main.html:

```html
<!DOCTYPE html>
    <html>
        <head>
            <title>nested lists</title>
            <style type="text/css">
            .fruits{color:blue}
            .vegetables{color:yellow}
            </style>
            <link rel="stylesheet" type="text/css" href="one.css">
        </head>
            <body>
            <ul style="list-style-type:filled square">
            <li class="bg" style="color:red">fruits</li>
            <ol  style="list-style-type:upper-roman">
            <li class="fruits">banana</li>
            <li class="fruits">apple</li>
            <li class="fruits">mango</li>
            </ol>
            </ul>
            <ol  style="list-style-type:lower-alpha">
            <li class="bg" style="color:red">vegetables</li>
            <ol class="grp1" start="4" style="list-style-type:uppper-roman">
            <li class="vegetables">tomato</li>
            <li class="vegetables">potato</li>
            <li class="vegetables">carrot</li>
            </ol>
            </ol>
            <ol  style="list-style-type:lower-alpha">
            <li class="bg" style="color:red">vegetables</li>
            <ol class="size" start="4" style="list-style-type:uppper-roman">
            <li class="vegetables">tomato</li>
            <li class="vegetables">potato</li>
            <li class="vegetables">carrot</li>
            </ol>
            </ol>

            </body>
```

```
                    </html>
```

```
.bg{background-color:pink}

. size{font-size:60px}
```

Practical 4.write jvascript code for

    a.   Factorial

Factorial:
```
<!DOCTYPE html>
<html>
<head>
        <title>Factorial Demo</title>
        <script language="javascript">
                var x=parseInt(prompt("Enter a number","")); var
                fact=1,i;
                   for(i=1;i<=x;i++)
                           fact*=i;
                document.write("<h1>Factorial of "+x+" is : "+fact+"</h1>");
        </script>
</head>
<body>
</body>
</html>
        b.Validating from

<html>
<head>
        <title>Form Validation</title>
        <script type="text/javascript">
                function validate()
        {

                        if( document.myForm.Name.value == "" )
                        {
                                alert( "Please provide your name!" );
                                document.myForm.Name.focus(); return
                                false;
                        }
                        if( document.myForm.EMail.value == "" )
                        {
                                 alert( "Please provide your Email!" );
                                document.myForm.EMail.focus(); return
                                false;
                        }
```

```html
                        if( document.myForm.Zip.value == "" ||isNaN( document.myForm.Zip.value
) ||
      document.myForm.Zip.value.length != 5 )
                        {
                                alert( "Please provide a zip in the format #####." );
                                document.myForm.Zip.focus();
                                return false;
                        }
                        if( document.myForm.Country.value == "-1" )
                        {
                                alert( "Please provide your country!" );
                                return false;
                        }
                        return(true);
                }
        </script>
</head>
<body>
<form name="myForm" onsubmit="return(validate());">
        <table cellspacing="2" cellpadding="2" border="1">
        <tr>
                        <td align="right">Name</td>
                        <td><input type="text" name="Name" /></td>
        </tr>
        <tr>
                        <td align="right">EMail</td>
                        <td><input type="text" name="EMail" /></td>
        </tr>
        <tr>
                        <td align="right">Zip Code</td>
                        <td><input type="text" name="Zip" /></td>
        </tr>
        <tr>
                        <td align="right">Country</td>
        <td>

   <select name="Country">
           <option value="-1" selected>[choose yours]</option>
           <option value="1">USA</option>
           <option value="2">UK</option>
           <option value="3">INDIA</option>
   </select>
   </td>
        </tr>
        <tr>
   <td align="right"></td>
       <td><input type="submit" value="Submit" /></td>

        </tr>
        </table>
</form>
</body>
```

```
</html>
```

Practical No. 6 create a xml file

.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet href="Practical5.xsl" type="text/xsl"?>
<menu>
        <food category="South Indian">
                <name>Idli</name>
        </food>
        <food category="South Indian">
                <name>Dosa</name>
        </food>
        <food category="Chinese">
                <name>Noodles</name>
        </food>
        <food category="Chinese">
                <name>Fried Rice</name>
        </food>
        <food category="Italian">
                <name>Pasta</name>
        </food>
        <food category="Italian">
                <name>Lasagna</name>
        </food>
</menu>
```

.xsl

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
        <xsl:template match="/">
                <html>
                        <head>
                                <title>Practical 5</title>
                        </head>
                        <body>
                                <h2>Menu</h2>
                                <table border="1" cellspacing="0" cellpadding="5">
                                        <tr>
                                                <th>Food Item</th>
                                                <th>Origin</th>
                                        </tr>
                                        <xsl:for-each select="menu/food">
                                        <tr>
```

```xml
                                            <td><xsl:value-of select="name"/></td>
                                            <td><xsl:value-of select="@category"/></td>
                                    </tr>
                                </xsl:for-each>
                        </table>
                    </body>
                </html>
            </xsl:template>
        </xsl:stylesheet>
```

Practical NO.7

```html
<html>

        <head>

                <title>

                        Practical 7

                </title>

                <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

                <script>

                        $(document).ready(function(){

                                $("#hide").click(function (){

                                        $("p").hide();

                                });

                                $("#show").click(function (){

                                        $("p").show();

                                });

                        });

                </script>

        </head>

        <body>

                <button id='hide'>Hide</button>

                <button id='show'>Show</button>

                <p>Click the buttons above to show or hide this text</p>

        </body>
```

</html>