GANPAT UNIVERSITY
U.V. PATEL COLLEGE OF ENGINEERING
B.Tech 1st Semester CE/IT/CE-AI
2ES109 : Basics of Web Technology
Practical-7

Aim: - To study the HTML frame.

A. Write the description for the following Tags i.e. Tag Type, Use, Attributes (Name, Value, and Description).

1. <FRAMESET>

1. **Cols:**

Specifies how many columns are contained in the frameset and the size of each column. You can specify the width of each column in one of the four ways. value in % or pixels

2. **Rows:**

This attribute works just like the cols attribute and takes the same values, but it is used to specify the rows in the frameset. For example, to create two horizontal frames, use rows = "10%, 90%". You can specify the height of each row in the same way as explained above for columns.

3. Border:

This attribute specifies the width of the border of each frame in pixels. For example, border = "5". A value of zero means no border.

4. Frameborder:

This attribute specifies whether a three-dimensional border should be displayed between frames. This attribute takes value either 1 (yes) or 0 (no). For example frameborder = "0" specifies no border.

5. Framespacing:

This attribute specifies the amount of space between frames in a frameset. This can take any integer value. For example framespacing = "10" means there should be 10 pixels spacing between each frames.

2. <FRAME>

Attribute	Value	Description
frameborder	0 ,1	Specifies whether or not to display border around the frame
src	URL	Defines the URL of the file to show in the frame
Name	frame_name	Defines a unique name for the frame
marginheight	pixels	Defines the top and bottom margins in the frame
marginwidth	pixels	Defines the left and right margins in the frame
scrolling	yes, no ,auto	Determines scrollbar action
noresize	noresize	When set to noresize the user cannot resize the frame

3. <IFRAME>

Attribute	Value	Description
Align	Left, , right top ,middle bottom	Specifies how to align the iframe according to the surrounding text
frameborder	1, 0	Specifies whether or not to display a frame border
height	Pixels, %	Defines the height of the iframe
Width	Pixels,%	Defines the width of the iframe
marginheight	Pixels	Defines the top and bottom margins in the frame
marginwidth	Pixels	Defines the left and right margins in the frame
scrolling	yes, no ,auto	Determines scrollbar action
Name	Frame_name	Specifies a unique name of the iframe (to use in scripts)
Src	URL	The URL of the document to show in the iframe

4. <MARQUEE>

Attribute	Description
behavior	It facilitates user to set the behavior of the marquee to one of the three different types: scroll, slide and alternate.
direction	defines direction for scrolling content. It may be left, right, up and down.
width	defines width of marquee in pixels or %.
height	defines height of marquee in pixels or %.
hspace	defines horizontal space in pixels around the marquee.
vspace	defines vertical space in pixels around the marquee.
scrolldelay	defines scroll delay in seconds.
scrollamount	defines scroll amount in number.
loop	defines loop for marquee content in number.
bgcolor	defines background color. It is now *deprecated*.

B. Exercise :

1. Write a code to develop a web page, as shown below, using frames.
   CODE:

```
<html>
    <frameset rows="40%,60%">
    <frame framebordre="0" marginhwight=10 marginwidth=10
scrolling=yes src="frame-1.html">
    <frameset cols="33%,33%,*">
        <frame framebordre="1" marginhwight=10 marginwidth=10
src="frame2.html">
```

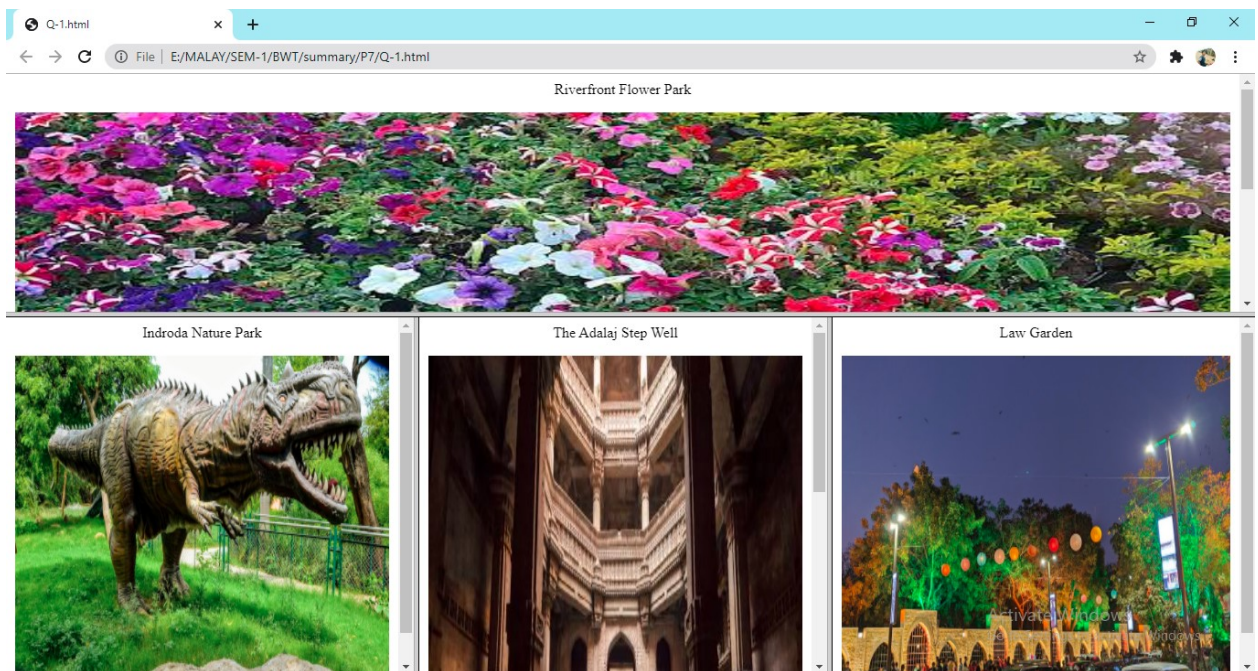```
        <frame framebordre="1" marginhwight=10 marginwidth=10
src="frame-3.html">
        <frame framebordre="1" marginhwight=10 marginwidth=10
src="frame-4.html">
    </frameset>

    </frameset>
</html>
```

**FRAME-1 CODE:**

```
<html>
<body>
<P align="center">Riverfront Flower Park</p>
    <img src="RFP.jpg" alt="Riverfront Flower Park" width="100%"
height="200%">
</body>
</html>
```

FRAME-2 CODE:

```
<html>
<body>
<P align="center">Indroda Nature Park</p>
    <img src="INP.JPG" alt="Indroda Nature Park" width="100%"
height="100%">
</body>
</html>
```

FRAME-3 CODE:

```
<html>
<body>
<P align="center">The Adalaj Step Well</p>
    <img src="AS.jpg" alt="Riverfront Flower Park" width="100%"
height="200%">
</body>
</html>
```

FRAME-4 CODE:

```
<html>
<body>
<P align="center">Law Garden</p>
    <img src="LG.JPG" alt="Law Garden" width="100%"
height="100%">
</body>
</html>
```

OUTPUT:

2. **write a Html code to create the following output with navigation of frame concept**

Code:

```
<html>

<frameset rows="10%,80%,10%" framebordercolor="red" border="4"
noresize="noresize">

    <frame src="frame2-3.html" namw="F1" scrolling="no">

        <frameset cols="30%,70%">

            <frame src="frame2-2.html" name="F2">

            <frame name="F3">

        </frameset>

    <frame src="Frame2-4.html" name="F4" scrolling="no">

</frameset>

</html>
```

FRAME:1

```
<html>

    <body bgcolor="lightgreen">

    <center>

    <marquee behavior="scrolling" width="90%" height="60"
scrollamount="5" bgcolor="purple" vspace="5" hspace="25"
direction="LEFT">

        My Name is Malay Thakkar. This Is practical-7

    </marquee>
```

```
        </center>

        </body>

</html>
```

FRAME:2

```
<html>

<body bgcolor="yellow">

<ol><br>

<h1>

<li><a href="About You.html" target="F3"><i>About You</i></a></li><br>

<li><a href="practical-1.pdf" target="F3"><i>Practical-1</i></a></li><br>

<li><a href="practical-2.pdf" target="F3"><i>Practical-2</i></a></li><br>

<li><a href="practical-3.pdf" target="F3"><i>Practical-3</i></a></li><br>

<li><a href="practical-4.pdf" target="F3"><i>Practical-4</i></a></li><br>

<li><a href="practical-5.pdf" target="F3"><i>Practical-5</i></a></li><br>

<li><a href="practical-6.pdf" target="F3"><i>Practical-6</i></a></li><br>

</h1>

</ol>

</body>

</html>
```
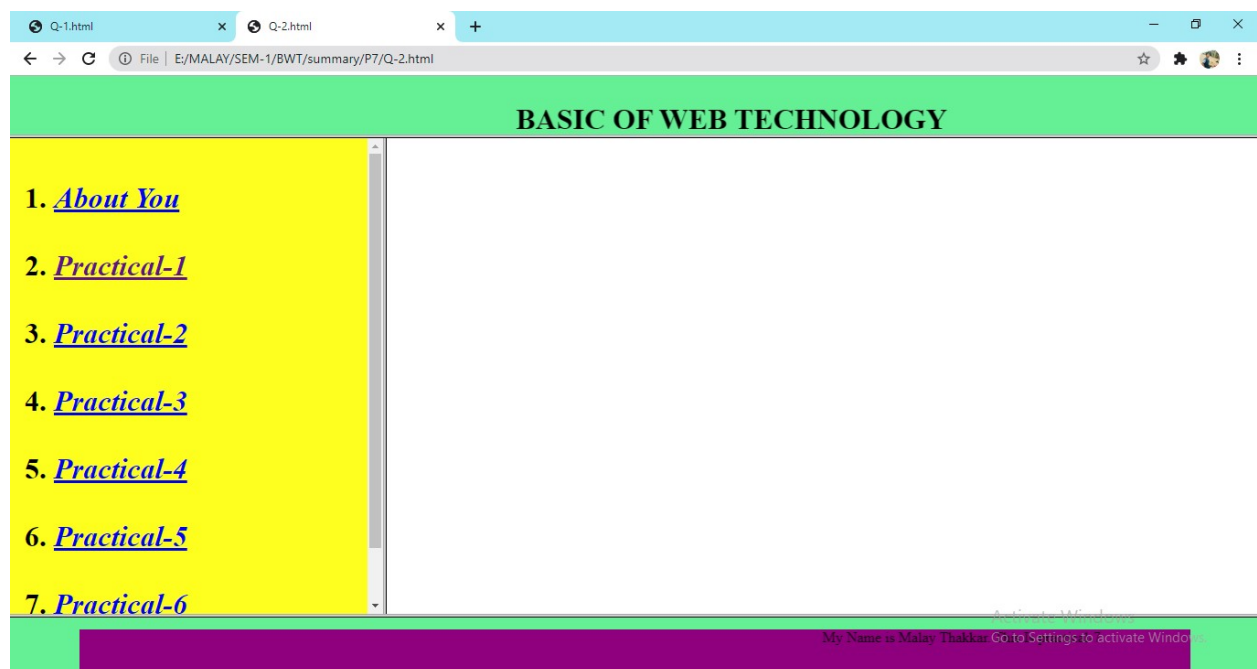
FRAME:3

<html>

  <body bgcolor="lightgreen">

    <center>

      <marquee behavior="scrolling" direction="left" scrollamount=10>

      <h1>BASIC OF WEB TECHNOLOGY</h1>

      </marquee>

OUTPUT:

3. Design an HTML Page that demonstrates the use of <IFRAME> tag with its attributes.

CODE:

```
<html>
<body>
<h2 align="center">IFRAME EXAMPLE</h2>
<h3 align="center">Malay Thakkar</h3>
<hr size=5 color="orange">
<iframe src="file:///E:/MALAY/SEM-1/BWT/summary/P2/p2,3.html"
name="f1" height="300px" width="100%" align="left"
title="PERSONAL DETAILS" frameborder="1"></iframe>
<table width="100%">
  <tr>
    <th><h2 align="center"><a href="file:///E:/MALAY/SEM-
1/BWT/summary/P5/Q-2.html" target="f2">Educational
Details</a></h2></th>
    <th>
      <iframe frameborder="1" name="f2" height="300px"
width="100%" align="middle" title="EDU DETAILS"></iframe>
    </th>
  </tr>
</table>
</body>
</html>
```

OUTPUT: