CYCLE -1 (HTML)

RESULTS AND OBSERVATIONS:

Simple Html page

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

In academic writing, readers expect each paragraph to have a sentence or two that captures its main point. They're often called "topic sentences," though many writing instructors prefer to call them "key sentences

hello
world

```
        "To fright the souls of fearful adversaries,
        'welcome back' good bye"
```

```
Example of preformatted text
```
Bolded text
$h_2 0$
$a^2 + b^2$
~~striked text~~
hello ~~world~~

1. Apple
2. Orange
3. Grapes

A. Apple
B. Orange
C. Grapes

I. Apple
II. Orange
III. Grapes

left aligned

<div align="center">Center aligned</div>

<div align="right">Right aligned</div>

"Simple Html page" text scroll from left to right using **\<marquee\>** tag**.** Heading 1 is created using **\<h1\>** tag and heading 6 is created using **\<h6\>** tag. List(Apple,Orange,Grapes) are created using **\<ol\>** tag. Text are aligned using align attribute(left,right,center). Paragraphs are created using \<p\> tag.

INFERENCE:

Basic tags are used for the basic styling of the page and which includes bolding, italics, underlines, etc

BASIC TAGS

PROGRAM NO: 1   **DATE : 25-11-21**

AIM:

Create a simple HTML file to demonstrate the use of different tags. Set the title of the page as "Simple HTML Page" Within the body perform the following.

[Moving text = "Simple HTML Page", Different heading tags (h1 to h6), Paragraph, Horizontal line, Line Break, Block Quote (single quote ',double "), Pre tag, Different Logical Style (<b>, <sub>,<sup>....), Different Physical style (<strike>, <del>,..), Listing tags ol (with types, and each type provide different "type"attributes),Align tag]

THEORETICAL SUPPORT:

The **<marquee>** tag is a container tag of HTML is implemented for creating scrollable text or images within a web page.

A HTML **heading** tag can be defined as a title or a subtitle which you want to display on the webpage.

<b>   **:** specifiesbold text.

<ol>   **:** tag defines an ordered list.

<hr>   **:** tag is used to insert horizontal rule.

<strike> **:** tag which draws a horizontal line over the text.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>Simple Html Page</title>
</head>
<body>
<marquee direction="right"><h1>Simple Html page</h1></marquee>
<h1>Heading 1</h1>
<h2>Heading 2</h2>
<h3>Heading 3</h3>
<h4>Heading 4</h4>
<h5>Heading 5</h5>
<h6>Heading 6</h6>
```

```
<p>In academic writing, readers expect each paragraph to have a sentence or two that captures        its
main point. They're often called "topic sentences," though many writing instructors prefer        to call them
"key sentences</p>
<hr>
hello<br>world<br>
<blockquote><q>To fright the souls of fearful adversaries,<br><q>welcome back</q> good
    bye</q></blockquote>
<pre>Example of preformatted text</pre>
<b>Bolded text</b><br>
h<sub>2</sub>0<br>
a<sup>2</sup> + b<sup>2</sup><br>
<strike>striked text</strike><br>
hello <del>world</del>
<ol>
<li>Apple</li>
<li>Orange</li>
<li>Grapes</li>
</ol>
<ol type="A">
<li>Apple</li>
<li>Orange</li>
<li>Grapes</li>
</ol>
<ol type="I">
<li>Apple</li>
<li>Orange</li>
<li>Grapes</li>
</ol>
<h2 align="left">left aligned</h2>
<h2 align="center">Center aligned</h2>
<h2 align="right">Right aligned</h2>
</body>
</html>
```
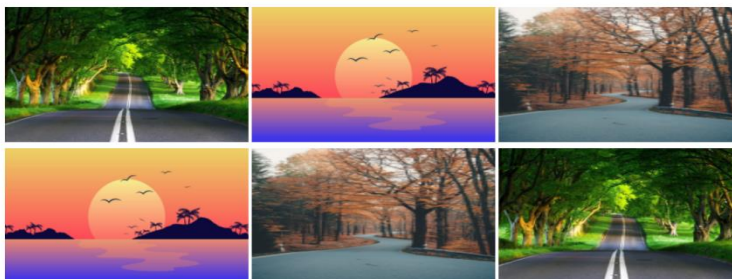
RESULTS AND OBSERVATIONS:

Pages	Link
Image Gallery	click here
Gallery Shows-Time Table	click here
Profile	click here

IMAGES

PROFILE

Qualification:click here

NAME:	Alan Baby
EMAIL ID:	alanbaby989gmail.com
MOBILE NO:	9876543212
GENDER:	Male
DOB:	08-11-2000
ADDRESS:	Parambath(h),Ezhakkaranad (S) P.O
TOWN:	Piravom
CITY:	Ernakulam
PIN CODE:	682308

"click here" in the main page is the link to the specified pages,which is created using <a> tag. "click here" in the profile page is the link towards the bottom of the same page.

INFERENCE:

We can create links using anchor tag. Link to the another page and link to the different parts of the same page are pos

LINKING PAGES

PROGRAM NO: 2   **DATE : 25-11-21**

AIM:

Create a HTML file to link to different HTML pages(Image gallery, Time table of Gallery shows, Your Profile with sections) which contains images, tables, and also link within a page(profile)

THEORETICAL SUPPORT:

The **<a>** tag defines a hyperlink, which is used to link from one page to another. The most important attribute of the **<a>** element is the **href** attribute, which indicates the link's destination.

- An unvisited link is underlined and blue
- A visited link is underlined and purple
- An active link is underlined and red

CODE:
Mainfile

```
<!DOCTYPE html>
    <html>
    <head>
    <title>Main Page</title>
    <style type="text/css">
    td {
    text-align: center;
    vertical-align: middle;
    }
    </style></head>
    <body>    <center>

<h1 style="background-color:grey;color:white">Links</h1>
    <table border=1 width="60%">
        <tr>
            <th>Pages</th>
        <th>Link</th>
        </tr>
        <tr>
```

```html
            <td>Image Gallery</td>
            <td><a href="c1-prgm_2(gallery).html">click here</a></td>
    </tr>
            <tr>
            <td>Gallery Shows-Time Table</td>
            <td><a href="c1-prgm_2(table).html">click here</a></td>
    </tr>
            <tr>
            <td>Profile</td>
            <td><a href="c1-prgm_2(profile).html">click here</a></td>
    </tr>
    </table>
    </center>
    </body>
</html>
```

Image gallery

```html
<!DOCTYPE html><html>
<head>
    <title>Image gallery</title>
</head>
<body>
    <center>
<h1 style="background-color:grey;color:white">IMAGES</h1>
<table>
<tr>
<td><img src="scene1.jpg" width="300" height="200"></td>
<td><img src="scene4.jpg" width="300" height="200"></td>
<td><img src="scene3.jpg" width="300" height="200"></td>
</tr>
<tr>
<td><img src="scene4.jpg" width="300" height="200"></td>
<td><img src="scene3.jpg" width="300" height="200"></td>
<td><img src="scene1.jpg" width="300" height="200"></td>
</tr>
</table>
</center>
</body>
</html>
```
Time table

```html
<!DOCTYPE html>
<html>
    <head>
<title>Time table</title>
<style type="text/css">
    td {
 text-align: center;
 vertical-align: middle;
}
</style>
</head>
<body>
    <center>
<h1 style="background-color:grey;color:white">TIME TABLE-GALLERY SHOWS</h1>
<table border="1" width="60%">
<tr>
    <th>Gallery Name</th>
    <th>Place</th>
    <th>Date</th>
</tr>
<tr>
<td>Atrium Gallery</td>
<td>Saint Louis</td>
<td>Feb 10-Apr 1,2020</td>
</tr>
<tr>
    <td>Rose Gallery</td>
<td>Santa Monica</td>
<td>Feb 22-Apr 9,2022</td>
</tr>
</table>
</center>
</body>
</html>
```
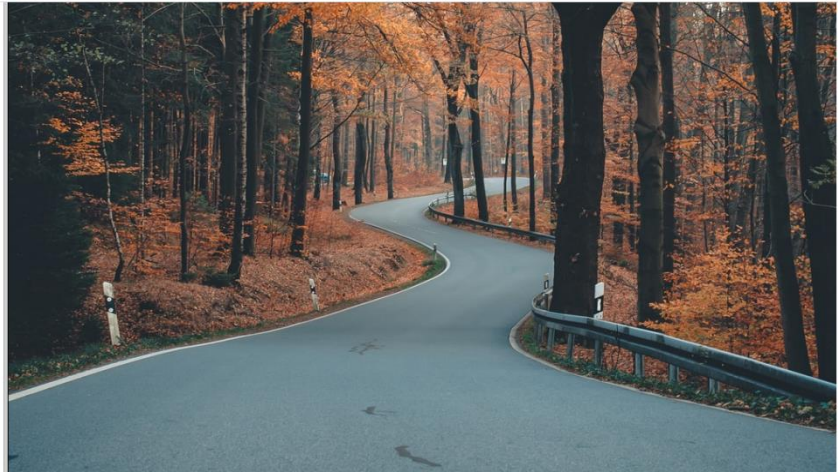
Profile
```html
<!DOCTYPE html>
```

```html
<html>
<head>
<title>Profile</title>
  <style type="text/css">
  td {
 text-align: center;
 vertical-align: middle;
}
</style>
</head>
<body>
<center>
<h1 style="background-color:grey;color:white"><a name="top">PROFILE</a></h1>
<h3 style="color:red">Qualification:<a href="#qual">click here</a></h3>
<table border="1" width="60%" cellspacing="15px" cellpadding="10px">
    <tr>
            <th>NAME:</th>
    <td>Alan Baby</td>
      </tr>
      <tr>
            <th>EMAIL ID:</th>
            <td>alanbaby989gmail.com</td>
      </tr>
      <tr>
            <th>MOBILE NO:</th>
            <td>9876543212</td>
      </tr>
      <tr>
            <th>GENDER:</th>
            <td>Male</td>
      </tr>
      <tr>
            <th>DOB:</th>
            <td>08-11-2000</td>
      </tr>
      <tr>
            <th>ADDRESS:</th>
```

```html
            <td>Parambath(h),Ezhakkaranad (S) P.O</td>
    </tr>
    <tr>

            <th>TOWN:</th>
            <td>Piravom</td>
</tr>
    <tr>

            <th>CITY:</th>
            <td>Ernakulam</td>
    </tr>
    <tr>
            <th>PIN CODE:</th>
            <td>682308</td>
    </tr>
    <tr>

            <th>STATE:</th>
            <td>Kerala</td>
    </tr>
    <tr>

            <th><a name="qual">Qualification:</a></th>
            <td>BCA</td>
    </tr>
    <tr>

            <th>Go To Top</th>
            <td><a href="#top">click here</a></td>
    </tr>
</table>
</body>
</html>
```

RESULTS AND OBSERVATIONS:

TIME TABLE-GALLERY SHOWS

Gallery Name	Place	Date
Atrium Gallery	Saint Louis	Feb 10-Apr 1,2020
Rose Gallery	Santa Monica	Feb 22-Apr 9,2022

click here

The floating frame is used to create an inline framed region or window that acts similarly to any other embedded object insofar as text can be flowed around it.

REGISTRATION FORM

First Name	
Last Name	
Email Id	
Mobile Number	
Gender	● male ● Female

- Mixed Frame is created using 2 framesets and both framesets contains 2 frames. Firstly the window is divided into 2 columns and again the second column is divided into 2 rows.

- Navigation Frame which contains 2 column frames.First frame consist of a link and second frame which displays the content of the link page when user clicks on the link.

- Floating frames are created using **<iframe>** tag and it is left aligned.we can align the floating frames in any part of the page.

INFERENCE:

We can divide the window into any number of frames and display the content separately using frames. Floating windows can be created using <iframe> tag and we can display any content inside the floating window

FRAMES

PROGRAM NO: 3   **DATE:** 2-12-21

AIM:

Create a HTML web page file with different types of frames such as floating frame, navigation frame & mixed frame.

THEORETICAL SUPPORT:

HTML **frames** are used to divide your browser window into multiple sections where each section can load a separate HTML document. A collection of frames in the browser window is known as a **frameset.** The window is divided into frames in a similar way the tables are organized: into rows and columns. The **floating frame** is used to create an inline framed region or window that acts similarly to any other embedded object insofar as text can be flowed around it.

CODE:
Mixed frame

```
<html>
<frameset cols="25%,75%">
<frame src="scene3.jpg"></frame>
<frameset rows="50%,50%">
<frame src="sample.mp4">
<frame src="c1-prgm_2(table).html" >
</frameset>
</frameset>
</html>
```

Navigation frame

```
<html>
<frameset cols="25%,75%">
<frame src="frame1.html"></frame>
<frame name="frame2"></frame>
</html>
```

Link page

```
<!DOCTYPE html>
<html>
<head>
    <title></title>
</head>
<body>
<a href="scene3.jpg" target="frame2">click here</a>
</body>
</html>
```

Floating frame

```
<!DOCTYPE html>
<html>
<head>
    <title>floating</title>
</head>
<body>
  <p>The floating frame is used to create an inline framed region or window that acts similarly to any other
  embedded object insofar as text can be flowed around it.</p>
<hr>
<iframe src="c1-prgm_5.html" width="400px" height="300px"></iframe>
</body>
</html>
```

RESULTS AND OBSERVATIONS:

Styling

Header 1(inline)

Header 2(inline)

Header 3(external)

Header 4(internal)

Header 5(internal)

The headings inside the page is created using 3 different styles.External file is linked to the page using **<link>** tag.Internal css is added in the head part using <style> tag.inline css is added inside the tag itself using style attribute.

INFERENCE:

We can decorate any page using css and it can be added using any style according to the user. Css gives more formatting options and greater control of presentation

CSS

AIM:

Create a HTML file by applying the different styles using inline, external & internal style sheets

THEORETICAL SUPPORT:

An **inline** style may be used to apply a unique style for a single element. With an **external** style sheet, you can change the look of an entire website by changing just one file!.Each HTML page must include a reference to the external style sheet file inside the <link> element, inside the head section. An **internal** style sheet may be used if one single HTML page has a unique style.The internal style is defined inside the <style> element, inside the head section.

CODE:

```
    <!DOCTYPE html>
<html>
<head>
    <link rel="stylesheet" href="external.css">
    <title>styling</title>
    <style>
        body {
            background-color: lightblue;
        }
        .h4 {
            color:yellow;
            background-color:#ebdce1bf;
        }
        .h5 {
            color:yellow;
    background-color:#ebdce1bf;
            margin-left:80px;
        }
    </style>
</head>
<body>
```

```
<h1>Styling</h1>
<hr>
<h1 style="color:navy;margin-left:20px;">Header 1(inline)</h1>
<hr>
<h1 style="color:red">Header 2(inline)</h1>
<h2>Header 3(external)</h2>
<hr>
<h1 class="h4">Header 4(internal)</h1>
<h2 class="h5">Header 5(internal)</h2>
</body>
</html>
```

External css

```
h2 {
color:red;
margin-left:40px;
}
```

RESULTS AND OBSERVATIONS:

All the elements are placed inside the table.so each elements have equal spacing. Border style is added to the table to produce the dashed lines.buttons are created using **<button>** tag.css is applied to the page for adding background color,textbox-width, textbox-heigh, etc

INFERENCE:

Registration forms are created easily using html and we can use table for structuring the Elements.css are useful for creating attractive registration forms.

REGISTRATION FORM

PROGRAM NO: 5   **DATE:** 5-12-21

AIM:

Create a registration form using HTML. Use css and table to structure the elements

THEORETICAL SUPPORT:

The HTML tables allow web authors to arrange data like text, images, links, other tables, etc. into rows and columns of cells. The HTML tables are created using the **<table>** tag in which the **<tr>** tag is used to create table rows and **<td>** tag is used to create data cells. The elements under <td> are regular and   left aligned by default

CODE:

```
<!DOCTYPE html>
  <html>
  <head>
     <title>Registration</title>
     <style type="text/css">
     td {
  vertical-align: middle;
  }
  table {
     background-color:#fc4e4e;
     color:white;
     font-weight: bolder;
     border-style: dashed;
     border-color: black;
  }
  input[type="text"],input[type="email"] {
     width: 210px;
     height: 20px;
  }
  .addr {
  width:210px;
```

```html
        }
</style>
</head>
<body>
<center>
    <h1 style="background-color:grey;color:white;">REGISTRATION FORM</h1>
<table cellspacing="13px" width="50%">
    <tr>
            <td>First Name</td>
            <td><input type="text" maxlength="50"></td>
    </tr>
    <tr>
            <td>Last Name</td>
            <td><input type="text" maxlength="50"></td>
    </tr>
    <tr>
            <td>Email Id</td>
            <td><input type="email" maxlength="50"></td>
    </tr>
    <tr>
            <td>Mobile Number</td>
            <td><input type="text" maxlength="10"></td>
    </tr>
    <tr>
            <td>Gender</td>
            <td><input type="radio"> male <input type="radio"> Female</td>
    </tr>
    <tr>
            <td>Date of Birth(DOB)</td>
            <td><select><option>Day</option></select>
       <select><option>Month</option></select>
            <select><option>Year</option></select>
    </td>

</tr>
    <tr>
            <td>Address</td>
```

```html
            <td><textarea rows="5" class="addr"></textarea></td>
    </tr>
    <tr>
            <td>City</td>
            <td><input type="text" maxlength="50"></td>
    </tr>
    <tr>
            <td>Pin Code</td>
            <td><input type="text" maxlength="6"></td>
    </tr>
    <tr>
            <td>State</td>
            <td><input type="text" maxlength="50"></td>
    </tr>
    <tr>
            <td>Country</td>
            <td><input type="text"></td>
    </tr>
    <tr>
            <td>Hobbies</td>
            <td><input    type="checkbox">Drawing<input    type="checkbox">Singing<input
                  type="checkbox">Dancing<input type="checkbox">Sketching</td>
    </tr>
    <tr>
            <td></td>
            <td><input type="checkbox">Others <input type="text" maxlength="50"></td>
    </tr>
    <tr>
            <td></td>
            <td></td>
    </tr>
    <tr>
<td></td>
<td><input type="checkbox">High School(10th)</td>
    </tr>
    <tr>
            <td>Qualification</td>
```

```html
                <td><input type="checkbox">Higher Schoo(12th)</td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">Graduation(Bachelors)</td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">Post Graduation(Masters)</td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">phd</td>
        </tr>
        <tr>
                <td></td>
                <td></td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">BCA(Bachelor of Computer Apllications)</td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">B.Com(Bachelor of Commerce)</td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">B.Sc(Bachelor of Science)</td>

</tr>
<tr>
                <td>Courses</td>
                <td><input type="checkbox">BA(Bachelor of Arts)</td>
        </tr>
        <tr>
                <td>Applied For</td>
```

```html
                <td><input type="checkbox">MCA(Master of Computer Applications)</td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">M.Com(Master of Commerce)</td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">M.Sc(Master of science)</td>
        </tr>
        <tr>
                <td></td>
                <td><input type="checkbox">MA(Master of Arts)</td>
        </tr>
        <tr>
                <td></td>
                <td></td>
        </tr>
        <tr>
                <td></td>
        <td><button   type="button" style="margin-left:5px;font-
weight:bold;width:80px;height:30px;">Submit
                </button><button      type="button" style="margin-left:5px;font-
weight:bold;width:80px;height:30px;">Reset</button>
        </td>
    </table>
    </center>
    </body>
</html>
```