DHA SUFFA UNIVERSITY
Department of Computer Science

CS-1201L
Introduction to Information and Communication Technology
Fall 2020

LAB 04 – HTML Layouts

OBJECTIVE(S)

- Learn about HTML Layouts

HTML Layouts

A webpage layout is very important to give better look to your website. It takes considerable time to design a website's layout with great look and feel.

HTML Layout using DIV

The element is a block level element used for grouping HTML elements. It is used in HTML to make divisions of content in the web page like text, images, header, footer, navigation bar, etc. It has both open and closing tag.

The Div is the most usable tag in web development because it helps us to separate out data in the web page and we can create a particular section for particular data or function in the web pages.

Example Code

File.html

```
<!DOCTYPE html>
<html>

 <head>
   <title>HTML Layouts using DIV</title>
        <link rel="stylesheet" type="text/css" href="file.css">
 </head>

 <body>
   <div id=i1>

     <div id=i2>
       <h1>Gardening</h1>
     </div>

     <div id=i3>
       <b>Types of Gardening</b><br><br>
       Indoor<br>
       Container<br>
       Residential
     </div>
```

```
    <div class=i4>
      <p> Gardening is the practice of growing and cultivating plants
          as part of horticulture. In gardens, ornamental plants are often
          grown for their flowers, foliage, or overall appearance; useful
          plants, such as vegetables, fruits, and herbs, are grown for
          consumption, for use as dyes, or for medicinal or cosmetic use.</p>
    </div>
            <div class=i4>
      <p> Gardening ranges in scale from fruit orchards, to long boulevard
          plantings with one or more different types of shrubs, trees, and
          herbaceous plants, to residential back gardens including lawns and
          foundation plantings, and to container gardens grown inside or outside. </p>
    </div>
            <div class=i4>
      <p> Gardening may be very specialized, with only one type of plant
          grown, or involve a variety of plants in mixed plantings.
          It involves an active participation in the growing of plants,
          and tends to be labor-intensive, which differentiates it
          from farming or forestry. </p>
    </div>

    <div id=i5>
      <b>Social Aspects</b><br><br>
      Ornamental Plantings<br>
      Green gardening
    </div>
    <div id=i6>
        Copyright © 2007 Tutorialspoint.com
    </div>
   </div>
  </body>
</html>
```

File.css

```
*
{
        padding: 0px;
        margin: 0px;
}

#i1
{
        width:100%;
}
```

```
#i2
{
	background-color:#b5d586;
	width:100%;
	text-align: center;
}

#i3
{
	background-color:#aaa;
	height:200px;
	width:12.5%;
	float:left;
	text-align: center;
}

.i4
{
	background-color:#eee;
	height:200px;
	width:25%;
	float:left;
	text-align: center;
	overflow: scroll;
}

#i5
{
	background-color:#aaa;
	height:200px;
	width:12.5%;
	float:right;
	text-align: center;
}

#i6
{
	background-color:#b5dcb3;
	clear:both;
	text-align: center;
}
```

File2.html

```
<!DOCTYPE html>
 <html>

  <head>
       <link rel="stylesheet" type="text/css" href="file2.css">
  </head>

  <body>
  <div id=i1>
     <div id=i2>
      <h1>Colors</h1>
     </div>
          <div class=i4>
               <ul>
               <li>Bisque</li>
               <li>Plum</li>
               <li>Thistle</li>
               <li>Orchid</li>
               </ul>
          </div>

          <div class=i3>
               <img class=img1 src="co1.png">
               <p> Color is the characteristic of human visual perception
               described through color categories. </p>
          </div>

          <div class=i3>
               <img class=img1 src="co2.jpg">
           <p> This perception of color derives from the stimulation
               of cone cells in the human eye by electromagnetic
               radiation in the visible spectrum.</p>
           </p>
          </div>

          <div class=i3>
               <img class=img1 src="co3.jpg">
               <p> Color categories and physical specifications
               of color are associated with objects through the
               wavelength of the light that is reflected from them.  </p>
         </div>
```

```
        <div class=i4>
                <ul>
                <li>MistyRose</li>
                <li>Ivory</li>
                <li>Crimson</li>
                <li>Azure</li>
                </ul>
        </div>
        <div class=i5>
                <img class=img1 src="co4.jpg">
                <p> The photo-receptivity of the eyes of other species
                also varies considerably from that of humans and so
                results in correspondingly different color perceptions
                that cannot readily be compared to one another. </p>
                </div>
        <div class=i5>
                <img class=img1 src="co5.jpg">
         <p> Honeybees and bumblebees for instance have trichromatic
                color vision sensitive to ultraviolet but is insensitive
                to red. The most complex color vision system in the animal
                kingdom has been found in stomatopods. </p>
        </p>
        </div>
    </div>
 </body>
</html>
```

File2.css

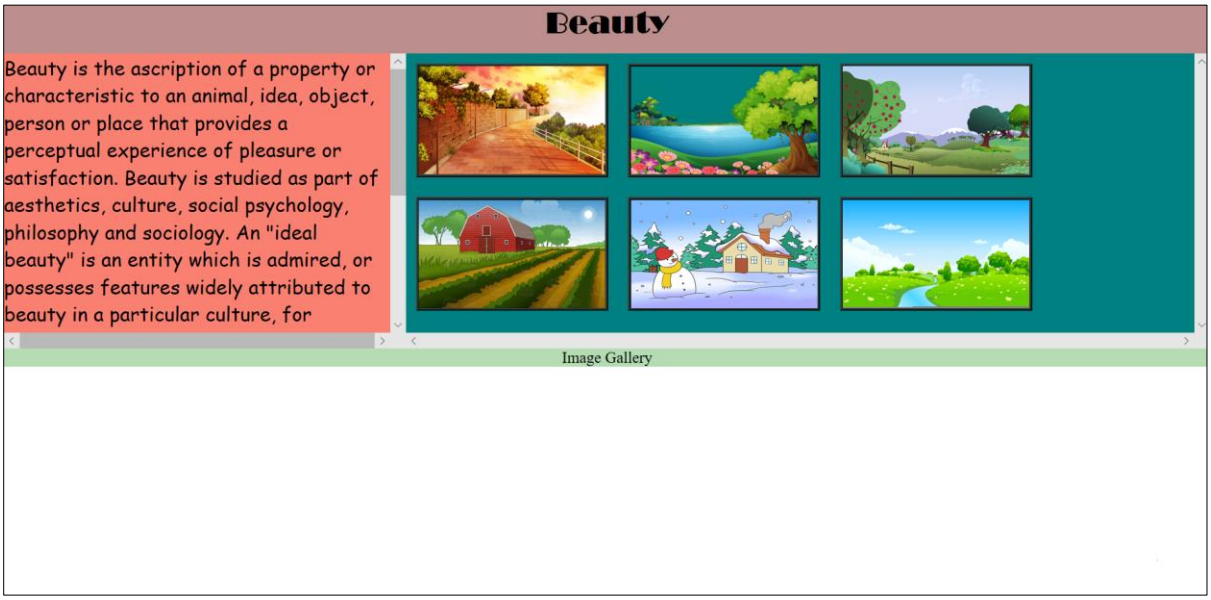
```
*
  {
        padding: 0px;
        margin: 0px;
  }
#i2
  {
        background-color:orange;
        width:100%;
        height: 50px;
        text-align: center;
        font-family: "broadway";
  }
```

```
 .i3
 {
        background-color:coral;
        width:33.33%;
        float: left;
        height: 200px;
        text-align: center;
        font-family: "Comic Sans MS";
 }
.i4
 {
        background-color:Moccasin;
        height: 50px;
        width: 100%;
        float: left;
        text-align: center;
 }
 .i4 ul
 {
        margin-top: 10px;
 }
 .i4 li
{
        display: inline;
        margin-right:40px;
        font-family: "Palatino Linotype";
        font-size: 25px;
 }
.i5
{
        background-color:coral;
        width:50%;
        float: left;
        height: 200px;
        text-align: center;
        font-family: "Comic Sans MS";
 }
 .img1
 {
        width:150px;
        height:100px;
        margin-top:5px;
        border:groove black;
 }
```

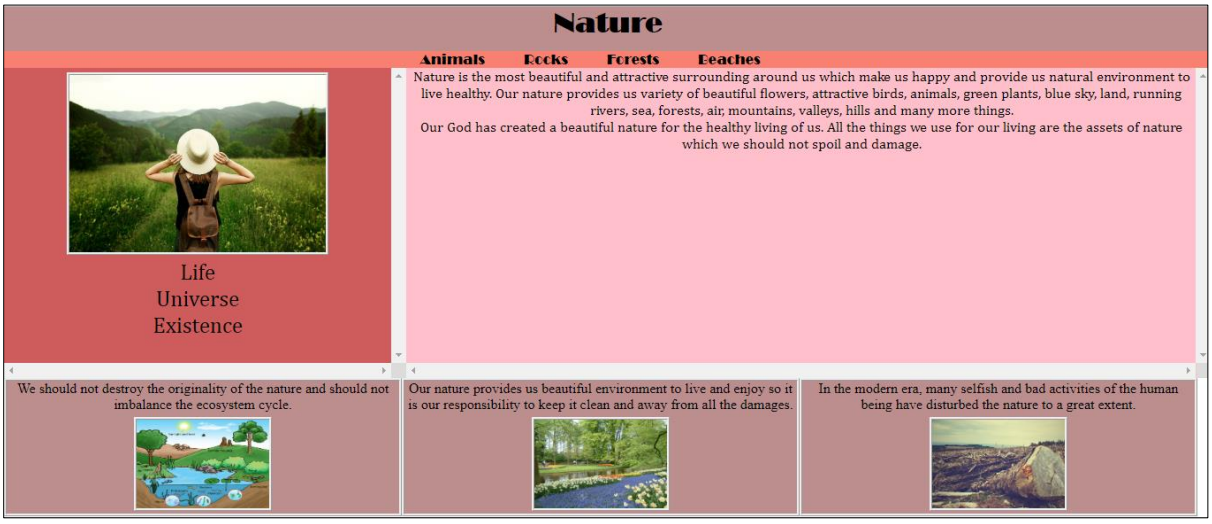
LAB ASSIGNMENT

1. Create the following webpages.

(i)



(ii)



SUBMISSION GUIDELINES

- Take a screenshot of each task.
- Place all the screenshots in a single word file labeled with Roll No and Lab No. e.g. **'cs201xxx_Lab01'.**
- Convert the file into PDF.
- Submit the folder at LMS
- **-100%** policies for plagiarism.