Ex. No. 1	RESPONSIVE WEBPAGE USING HTML AND CSS
Date of Exercise	01/08/2022
Web Host Link	
Youtube Link	

Aim

To develop a webpage using HTML5 tags and apply styles to the webpage using CSS3 properties and layouts like Normal flow and multicolumn layout.

Description

Margins

The margin property defines the space around an HTML element. It is possible to use negative values to overlap content. The values of the margin property are not inherited by the child elements. The following properties are used to set an element margin.

- The margin specifies a shorthand property for setting the margin properties in one declaration.
- The margin-bottom specifies the bottom margin of an element.
- The margin-top specifies the top margin of an element.
- The margin-left specifies the left margin of an element.
- The margin-right specifies the right margin of an element.

p {

 margin-top: 100px;

 margin-bottom: 100px;

 margin-right: 150px;

margin-left: 80px;

}

Formatting Text

- The color property is used to set the color of a text.color: green;
- The letter-spacing property is used to add or subtract space between the letters that make up a word.
- letter-spacing:5px
- The text-align property is used to align the text of a document. The possible values are left, right, center, justify.
- text-align:right
- The text-decoration property is used to underline, overline, and strikethrough text. The
- possible values are none, underline, overline, line-through, blink.
- text-decoration:underline
- The text-shadow property is used to set the text shadow around a text.
- text-shadow:4px 4px 8px blue

Font

- The font-family property is used to change the face of a font.
- font-family:georgia,garamond,serif
- The font-style property is used to make a font italic or oblique. The possible values are normal, italic and oblique.
- font-style:italic;
- The font-weight property is used to increase or decrease how bold or light a font appears.
- The possible values could be normal, bold, bolder, lighter, 100, 200, 300, 400, 500, 600,
- 700, 800, 900 etc.

- font-weight:bolder
- The font-size property is used to increase or decrease the size of a font. The possible
- values could be xx-small, x-small, small, medium, large, x-large, xx-large, smaller,
- larger, size in pixels or in %.
- font-size:20px;

Background

The CSS background properties are used to define the background effects for elements.

- The background-color property specifies the background color of an element.background-color: lightblue;
- The background-image property specifies an image to use as the background of an element.background-image: url("paper.gif");
- Showing the background image only once is also specified by the background-
- repeat property:background-repeat: no-repeat

Padding

The padding property allows you to specify how much space should appear between the

content of an element and its border. The value of this attribute should be either a length, a

percentage, or the word inherit. If the value is inherit, it will have the same padding as its parent element. If a percentage is used, the percentage is of the containing box.

- The padding-bottom specifies the bottom padding of an element.
  padding-bottom: 15px
- The padding-top specifies the top padding of an element.
  padding-top: 15px
- The padding-left specifies the left padding of an element.
  padding-left: 15px
- The padding-right specifies the right padding of an element.
  padding-right: 15px

Link

Links can be styled with any CSS property (e.g. color, font-family, background, etc.).

- The :link signifies unvisited hyperlinks.
- The :visited signifies visited hyperlinks.
- The :hover signifies an element that currently has the user's mouse pointer hovering over it.
- The :active signifies an element on which the user is currently clicking.
  a:link { background-color: yellow;}
  a:visited{ background-color: cyan;}
  a:hover{ background-color: lightgreen;}
  a:active{ background-color: hotpink; }

Display

Changing an inline element to a block element, or vice versa, can be useful for making the page look a specific way, and still follow the web standards.

display: inline;display: block;

List

Lists are very helpful in conveying a set of either numbered or bullet points.

- The list-style-type property specifies the type of list item marker.

    list-style-type:circle

Setting Height & Width

The height and width properties are used to set the height and width of an element. The height and width can be set to auto or be specified in length values, like px, cm, etc., or in

percent (%) of the containing block.

height: 200px; width: 50%;

Program :

```html
<html>
    <head>
        <title>Profile</title>
        <style>

                .head_div{
                border: 1px solid black;
                background-color: #740ddb;
                height: 200px;

                }
                .head-txt{
                    position: absolute;
                    top: 150px;
                    right: 250px;
                    width: 400px;
                    height: 100px;
                    color:white;
                }
                .head_sub_div{
                border: 1px;

                background-color: white;
                align-items: right;
                position: absolute;
                top: 20px;
                right: 16px;
                font-size: 18px;
                }

                .btn-group button {
                    background-color: #b5f5f7; /* Green background */
                    border: none; /* Green border */
                    color: black; /* White text */
                    padding: 10px 24px; /* Some padding */
                    cursor: pointer; /* Pointer/hand icon */
                    float: left; /* Float the buttons side by side */

                }
```

```css
        .btn-group button:not(:last-child) {
            border-right: none;
        }
        .btn-group:after {
            content: "";
            clear: both;
            display: table;
        }
        .btn-group button:hover {
            background-color: #3e8e41;
        }

        .mid-image {
            background-image: url("background.jpg"); /* The image used */
            background-color: #cccccc; /* Used if the image is
unavailable */

            height: 200px; /* You must set a specified height */
            background-position: center; /* Center the image */
            background-repeat: no-repeat; /* Do not repeat the image */
             background-size: cover; /* Resize the background image to
cover the entire container */

        }
        .mid-table{
            border: 1px dotted blue;
            background-color: #a8daf0;
            padding: 25px;
            border-width: 7px;
            width: 250px;
            height: 136px;
            margin: 1px 1px 1px 50px;
        }

        .back-color{
            background-color: #cccccc; /* Used if the image is
unavailable */

            height: 170px;

        }
        table, td, th {
        border: 1px;
            }
```

```css
            table{
                width: 100%;

            }
            td {

                text-align: center;
                padding: 15px;
            }
            .back-bot{
                background-image: url("back.jpg"); /* The image used */
                background-color: #cccccc; /* Used if the image is
unavailable */

                height: 350px;
                border-style:double;



            }
            .table2, td, th {
            border: 1px;
                }
            .table2{
                width: 100%;

            }
            td {

                text-align: center;
                padding: 15px;
            }
            .font-table{
                font-style:italic;
                font-weight:bolder
            }
            .bottom{
                background-color: #f0d3bb;
                height: 70px;
            }
        </style>
    </head>
    <body>
```

```html
        <div class="head_div">
            <div class="head_sub_div">
                <a
href="https://www.facebook.com/profile.php?id=100083296069435" target =
"_blank"><img src = "C:\Users\USER\OneDrive\Documents\5th Sem\Web Tech Lab\Exp
3\facebook.png" width="50" height="40"></a>
                <a href="https://www.linkedin.com/in/manudhas-s-m-b5b458208/"
target = "_blank"><img src = "C:\Users\USER\OneDrive\Documents\5th Sem\Web Tech
Lab\Exp 3\LinkIdin.png" width="50" height="40"></a>
                <a href="mailto:manudhas9385@gmail.com" target =
"_blank"><img src = "C:\Users\USER\OneDrive\Documents\5th Sem\Web Tech Lab\Exp
3\gmail.jpg" width="50" height="40">
                </a></div>

            <img src = "C:\Users\USER\OneDrive\Documents\5th Sem\Web Tech
Lab\Exp 3\Randlin.jpg" width="150" height="180" align = 'left'>
            <div class = 'head-txt'>
                <h1 align="center">Mr. RANDLIN</h1>
            </div>


        </div>


        <div class = "btn-group">
                <button style="width:25%"><b>Personal</b></button>
                <button style="width:25%"><b>Academics</b></button>
                <button style="width:25%"><b>Activity</b></button>
                <button style="width:25%"><b>Others</b></button>
        </div>

        <div class = "mid-image">
                <div class="mid-table">
                    Family: A family is a group of two or more persons
related by birth, marriage, or adoption who live together; all such related
persons are considered as members of one family
                </div>
        </div>

        <div class="back-color">
            <div class = 'table'>
```

```html
                <table>
                    <tr>
                            <td><img src = "C:\Users\USER\OneDrive\Documents\5th
Sem\Web Tech Lab\Exp 3\html.png" width="130" height="130" ></td>
                            <td><img src = "C:\Users\USER\OneDrive\Documents\5th
Sem\Web Tech Lab\Exp 3\css.jpg" width="150" height="130" ></td>
                            <td><img src = "C:\Users\USER\OneDrive\Documents\5th
Sem\Web Tech Lab\Exp 3\js.png" width="150" height="130" ></td>
                            <td><img src = "C:\Users\USER\OneDrive\Documents\5th
Sem\Web Tech Lab\Exp 3\php.jpg" width="150" height="130" ></td>
                    </tr>
                </table>
            </div>

        </div>

        <div class="back-bot">
            <div class="table2">
                <table>
                    <tr>

                            <td><img src =
"C:\Users\USER\OneDrive\Documents\5th Sem\Web Tech Lab\Exp 3\fam.jpg" width="150"
height="150" style ="border-radius: 50%;" ></td>
                            <td><img src =
"C:\Users\USER\OneDrive\Documents\5th Sem\Web Tech Lab\Exp 3\mom.jpg" width="150"
height="150" style ="border-radius: 50%;" ></td>
                            <td><img src =
"C:\Users\USER\OneDrive\Documents\5th Sem\Web Tech Lab\Exp 3\brother.webp"
width="150" height="150" style ="border-radius: 50%;" ></td>

                    </tr>
                    <div class="font-table">
                        <tr>
                            <td style = "font-family:Copperplate
Gothic;font-style:bold;font-weight:bolder;font-size:20px;color: green;">Mr.
Father's Name</td>
                            <td style = "font-family:Copperplate
Gothic;font-style:bold;font-weight:bolder;font-size:20px;color: green;">Mrs.
Mother's Name</td>
```

```
                                        <td style = "font-family:Copperplate
Gothic;font-style:bold;font-weight:bolder;font-size:20px;color: green;">Sis/Bro
Name</td>
                                    </tr>
                                    <tr>
                                        <td align="center" style = "color: rgb(255,
255, 255);">It was my father who taught me to value myself. he told me that he
was uncommonly beautiful and that i was the most precious thing in his life.</td>
                                        <td align="center" style = "color: rgb(255,
255, 255);">My mother taught me that we all have the power to achieve our
dream.</td>
                                        <td align="center" style = "color: rgb(255,
255, 255);">A sister is both your mirror - and your opposite.</td>
                                    </tr>
                                </div>

                            </table>
                        </div>

                </div>
                <div class="bottom">
                    Your address<br>
                    @ 2021-2022.(URK20CS2050)-Web Technology Lab Batch 4. All rights
Reseved.
                </div>
        </body>
</html>
```
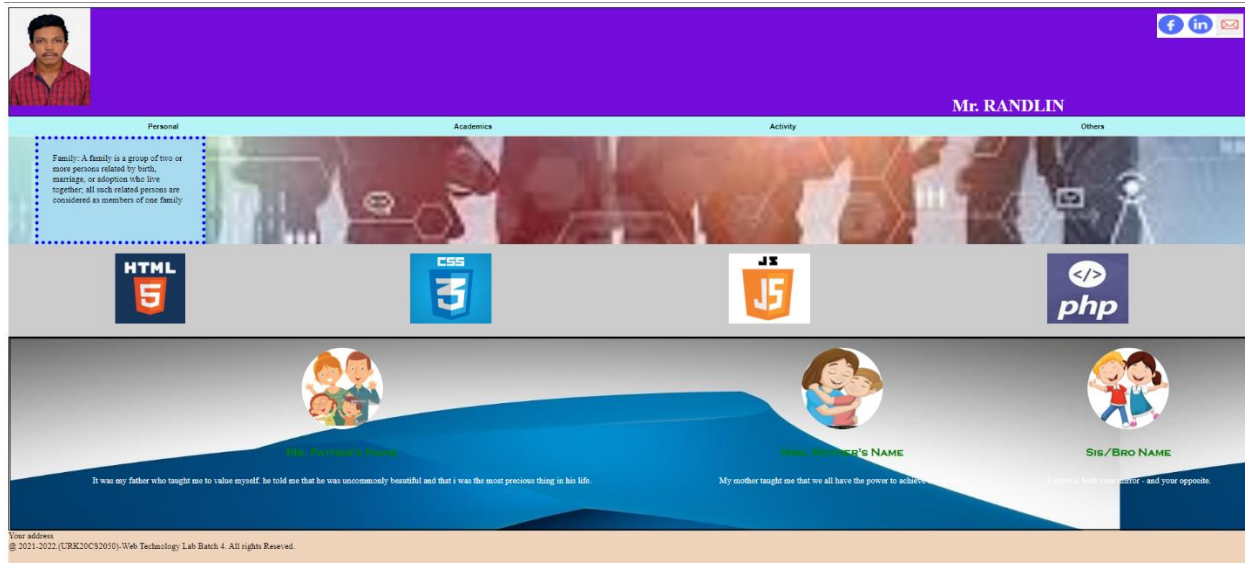
Output:

Result:

The given program is coded and executed successfully.