

B1. Create a web page that shows a message “This is my first HTML page”.

Just Write in <body> tag "This is my first HTML page"

```
1  <!DOCTYPE html>
2  ✓ <html lang="en">
3  ✓ <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  ✓ <body>
10     <h1>Hello This Is My First HTML Page</h1>
11 </body>
12 </html>
```

B2.Create Registration Form of bank Using HTML and CSS.

1.HTML

```

<body>
  <div class="heading">
    <h2>Individual Registration</h2>
  </div>
  <div class="md"></div>
  <center>
    <div class="main">
      <table cellpadding="10">
        <tr>
          <td class="clr">User Particulars
            <table class="c" align="center" cellpadding="3">
              <tr>
                <td class="rt"><label for=""><span>*</span>Login ID</label></td>
                <td><input type="text" name="" id=""></td>
              </tr>
              <tr>
                <td class="rt"><label for=""><span>*</span>Password</label></td>
                <td><input type="password" name="" id="" minlength="8" maxlength="8"></td>
              </tr>
              <tr>
                <td class="rt"><label for=""><span>*</span>Confirm Password</label></td>
                <td><input type="password" name="" id="" minlength="8" maxlength="8"></td>
              </tr>
            </table>
          </td>
        </tr>
        <tr>
          <td class="clr">Personal Particulars
            <table class="c" align="center" cellpadding="3">
              <tr>
                <td class="rt"><label for=""><span>*</span>Saluation</label></td>
                <td><select name="" id="">
                  <option value="">Select</option>
                </select></td>
                <td class="rt"><label for=""><span>*</span> First Name</label></td>
              </tr>
            </table>
          </td>
        </tr>
      </table>
    </div>
  </center>

```

```

        <td><input type="text" name="" id=""></td>
    </tr>
    <tr>
        <td class="rt"><label for=""><span>*</span> Middle Name</label></td>
        <td><input type="text" name="" id=""></td>
        <td class="rt"><label for=""><span>*</span> Last Name</label></td>
        <td><input type="text" name="" id=""></td>
    </tr>
    <tr>
        <td class="rt"><label for=""><span>*</span>Resident Status</label></td>
        <td><select name="" id="">
            <option value="">Select</option>
        </select></td>
        <td class="rt"><label for=""><span>*</span>Country</label></td>
        <td><select name="" id="">
            <option value="">Select</option>
        </select></td>
    </tr>
    <tr>
        <td class="rt"><label for=""><span>*</span> Middle Name</label></td>
        <td><input type="text" name="" id=""></td>
        <td class="rt"><label for=""><span>*</span> Last Name</label></td>
        <td><input type="text" name="" id=""></td>
    </tr>
</table>
</td>

</tr>
<tr>
    <td class="clr">Account Particulars
        <table class="c" align="center" cellpadding="3">
            <tr>
                <td class="rt"><label for=""><span>*</span>15 Digit Account <br>No</label></td>
                <td><input type="text" name="" id=""></td>
                <td class="rt"><label for=""><span>*</span>nick Name</label></td>
                <td><input type="text" name="" id=""></td>
            </tr>
        </table>
    </td>
</tr>

```

```

        <tr>
            <td class="rt"><label for=""><span>*</span>Fund Transfer</label></td>
        </select></td>
        <td><select name="" id="">
            <option value="">Select</option>
        </select></td>
    </tr>
</table>
</td>
</tr>
<tr>
    <td class="clr">DECLARATION <br>
        <table class="c">
            <tr>
                <td colspan="2">
                    I have read, understood and hereby agree to the Terms and Conditions in respect of all products and
                    channels. <br> I understand that any changes in the terms and conditions applicable to this relationship
                    would be made available to me on request at any 108 branches. I confirm that all accounts under this login
                    name are operated singly and in case of joint account operated by either or survivor anyone or survivor(s)
                    under his/her joint name respectively. I do hereby declare that information furnished in this form is true
                    to the best of my knowledge and belief.
                </td>
            </tr>
            <tr>
                <td align="right" class="one"><input type="submit" name="" id=""></td>
                <td><input type="reset"></td>
            </tr>
        </table>
    </td>
</tr>
</table>
</div>
</center>
</body>
</html>

```

2nd. CSS

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    .heading{
      padding-top: 25px;
      text-align: center;
      height: 50px;
      background: linear-gradient(white,rgb(100, 100, 253));
      color: rgb(131, 43, 43);
    }
    .md{
      height: 25px;
      background-color: white;
    }
    .main{
      background-color: rgb(159, 219, 243);
    }
    .clr{
      font-size: larger;
      font-family: Arial, Helvetica, sans-serif;
      color: rgb(131, 43, 43);
    }
    .c{
      font-size: medium;
      color: darkblue;
    }
    .rt{
      text-align: right;
    }
    span{
      color: red;
    }
  </style>
</head>
<body>
  <div class="heading">
    <div class="md">
      <div class="main">
        <div class="clr">
          <div class="c">
            <div class="rt">
              <span>
                </span>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

```

input[type=text]{
  border: none;
  border: 2px solid darkblue;
}
input[type=password]{
  border: none;
  border: 2px solid darkblue;
}
input[type=submit]{
  background-color: rgb(12, 172, 235);
  color: white;
  padding-left: 10px;
}
input[type=reset]{
  background-color: rgb(13, 178, 243);
  color: white;
}

</style>
</head>

```

B3 How to specify the column properties of each column within a colgroup element?

The `<col>` tag specifies column properties for each column within a `<colgroup>` element.

The `<col>` tag is useful for applying styles to entire columns, instead of repeating the styles for each cell, for each row.

B4. How to define a container for an external (nonHTML) application?

The `<embed>` tag defines a container for an external resource, such as a web page, a picture, a media player, or a plug-in application.

B5. How to define an option in a drop-downlist?

The <select> element is used to create a drop-down lists in HTML.

The <option> element which is defined inside the <select> element

defines the options that are available in the drop-down

list.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <select name="" id="">
    <option value="">1</option>
    <option value="">2</option>
  </select>
</body>
</html>
```

B6. How to underline a text in an HTML document?

1st Method: Using the <u> tag.


```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  <body>
10     <h1>This is <u>underline tag</u></h1>
11 </body>
12 </html>

```

2nd Method: Using Text-Decoration in CSS.

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <style>
        h1{
            text-decoration: underline solid black;
        }
    </style>
</head>
<body>
    <div>
        <h1>This is underline tag in css</h1>
    </div>
</body>
</html>

```

Intermediate

1. Create Tabular Layout using HTML and CSS:

1st: HTML

```
<body>
  <div class="main">
    <center>
      <table>
        <tr class="one">
          <td class="one1">Column1</td>
          <td class="one1">Column2</td>
          <td class="one1">Column3</td>
          <td class="one1">Column4</td>
          <td class="one1">Column5</td>
        </tr>
        <tr class="one">
          <td class="one2">Cell1</td>
          <td class="one2">Cell2</td>
          <td class="one2">Cell3</td>
          <td class="one2">Cell4</td>
          <td class="one2">Cell5</td>
        </tr>
        <tr class="one">
          <td class="one3">Cell1</td>
          <td class="one3">Cell2</td>
          <td class="one3">Cell3</td>
          <td class="one3">Cell4</td>
          <td class="one3">Cell5</td>
        </tr>
        <tr class="one">
          <td class="one4">Cell1</td>
          <td class="one4">Cell2</td>
          <td class="one4">Cell3</td>
          <td class="one4">Cell4</td>
          <td class="one4">Cell5</td>
        </tr>
      </table>
    </center>
  </div>
</body>
```

```
<tr class="one">
  <td class="one5">Cell1</td>
  <td class="one5">Cell2</td>
  <td class="one5">Cell3</td>
  <td class="one5">Cell4</td>
  <td class="one5">Cell5</td>
</tr>
<tr class="one">
  <td class="one6">Cell1</td>
  <td class="one6">Cell2</td>
  <td class="one6">Cell3</td>
  <td class="one6">Cell4</td>
  <td class="one6">Cell5</td>
</tr>
</table>
</center>
</div>
</body>
</html>
```

2nd: CSS

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    *{
      padding: 0;
      margin: 0;
      box-sizing: border-box;
    }
    table{
      background-image: linear-gradient(to top right, transparent 49%, #391267 49%, #391267 51%, #a1a1c2 51%);
      border: 5px solid #800000;
    }

    .one{
      text-align: center;
      font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
      color: #d3d3d3;
    }
    .one1:hover{
      background-image: linear-gradient(to top right, #90ee90 49%, #ffff00 49%, #ffff00 51%, #ffff00 51%);
      border: 4px solid #800000;
    }
    td{
      padding: 30px 30px;
    }
    .two{
    }
    .one2:hover{
      background-image: linear-gradient(to top right, #c71585 49%, #191970 49%, #191970 51%, #191970 51%);
      border: 4px dotted #800080;
    }
  </style>

```

```

    .one3:hover{
      background-image: linear-gradient(to top right, #800080 49%, #c0c0c0 49%, #c0c0c0 51%, #c0c0c0 51%);
      border: 4px dashed #800080;
    }
    .one4:hover{
      background-image: linear-gradient(to top right, #191970 49%, #0000ff 49%, #0000ff 51%, #0000ff 51%);
      border: 4px double #0000ff;
    }
    .one5:hover{
      background-image: linear-gradient(to top right, #4169e1 49%, #c0c0c0 49%, #c0c0c0 51%, #c0c0c0 51%);
      border: 4px solid #800000;
    }
    .one6:hover{
      background-image: linear-gradient(to top right, #191970 49%, #ff0000 49%, #ff0000 51%, #ff0000 51%);
      border: 4px double #0000ff;
    }
  </style>

```

2.Create elastic Page Layout.

1st:HTML

```
<body>
  <div class="header">
    <div class="logo"><i>Elastic</i></div>
    <div class="menu">
      <p><a href="">Home</a></p>
      <p><a href="">Sliders</a></p>
      <p><a href="">Pages</a></p>
      <p><a href="">Portfolio</a></p>
      <p><a href="">Blog</a></p>
      <p><a href="">Shop</a></p>
      <p><a href="">Features</a></p>
      <p><a href="">Elements</a></p>
      <p><a href="">Contact</a></p>
    </div>
  </div>
  <div class="main">
    <div class="left"><a class="one" href=""></a></div>
    <div class="middle"><h1>Welcome to elastic</h1><br>
    <h4 class="im">Maecenas tortor nunc, imperdiet sit amet felis sit amet, tincidunt faucibus dolor.</h4><br>
    <form action=""><input type="submit" name="" id="" value="BUY NOW!"></form></div>
    <div class="right"><a href=""></a></div>
  </div>
  <div class="footer"><h2>Why choose Elastic?</h2><br>

  <h4 class="if"> Etiam non nulla idiomem tristique suscipit. Pellentesque dictum erateget pretium euismod. Sed dignissim, enim ut
  blandit pretium, libero lacus <br> tincidunt nullaeu egestas nulla urna blandit justo. Mauris lacinia enim nec aliquam mollis.
  Phasellus sitamet consequat sem, ut tincidunt ante. <br> Proin pellentesque pulvinar neque eget facilisis. Etiam quis gravida
  arcu. Nulla quis est eget ex viverra volutpat. Donec suscipit placerat ipsum <br> ac finibus. Orci varius natoque penatibus et
  magnis dis parturient montes.</h4></div>

</body>
</html>
```

2nd:CSS

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    *{
      padding: 0;
      margin: 0;
      box-sizing: border-box;
    }
    .header{
      height: 100px;
      background-color: #4682B4;
      display: flex;
    }
    .logo{
      padding-top: 40px;
      font-size: 30px;
      font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
      text-decoration: underline white 2px;
      padding-left: 80px;
      height: 20%;
      width: 30%;
      color: white;
    }
    .menu{
      height: 20%;
      width: 70%;
      display: flex;
    }
    p{
      padding-top: 50px;
      padding-left: 65px;
    }
  </style>

```

```
a{
  text-decoration: none;
  border: none;
  color: ■white;
}
a:hover{
  color: □black;
}
.main{
  height: 450px;
  display: flex;
  background-color: ■rgb(68, 68, 241);
  color: ■white;
}
.left{
  padding-top: 150px;
  padding-left: 50px;
  width: 10%;
}
.middle{
  width: 80%;
}
.right{
  padding-top: 150px;
  padding-left: 50px;
  width: 10%;
}
h1{
  padding-top: 100px;
  font-size: 60px;
  text-transform: uppercase;
  text-align: center;
  text-shadow: 5px 0px 2px □black;
}
```

```

.im{
    text-align: center;
    opacity: 0.7;
}
input[type=submit]{
    margin-top: 20px;
    margin-left: 550px;
    padding: 10px 20px 10px 20px;
    color: black;
    border: none;
    border: 2px solid white;
    background-color: white;
    border-radius: 20px;
}
input[type=submit]:hover{
    color: blueviolet;
}

img{
    background-color: white;
}
.footer{
    height: 200px;
    background-color: azure;
}
h2{
    text-align: center;
    font-size: 40px;
}
.if{
    font-family: Arial, Helvetica, sans-serif;
    text-align: center;
    opacity: 0.8;
}
</style>

```

3. Create simple website template using HTML and CSS it contains: Header, Main Content and Footer.

1st : HTML

```
<body>
  <div class="header">
    <div class="logo">ARSHA</div>
    <div class="menu">
      <p><a href="">Home</a></p>
      <p><a href="">About</a></p>
      <p><a href="">Services</a></p>
      <p><a href="">Portfolio</a></p>
      <p><a href="">Team</a></p>
      <p><select name="" id="" class="drop"><option value="">Drop Down</option></select></p>
      <p><a href="">Contact</a></p>
      <p class="get"><a class="gta" href="">Get Started</a></p>
    </div>
  </div>
  <div class="main">
    <div class="text">
      <h2>Better Solution For <br>
      Your Business</h2>
      <h4 class="txt">We are team of talented designers making <br>
      websites with Bootstrap</h4>
      <div class="st">
        <p class="gt"><a href="">Get Started</a> </p>
        <div class="im">
          <b><a href=""></a></b>
          <b class="vd">Watch Video</b>
        </div>
      </div>
    </div>
  </div>
```

```
    <div class="img"></div>
  </div>
  <div class="footer">
    <div class="f1">
      <p class="ft" id="one"> myob</p>
      <p class="ft" id="two">BELIMO</p>
      <p class="ft" id="three">LifeGroups</p>
      <p class="ft" id="four">lilly</p>
      <p class="ft" id="five">citrus</p>
      <p class="ft" id="six">Trusty</p>
      <br>
    </div>
    <div class="f2">
      <h3 class="at">ABOUT US</h3>
    </div>
  </div>
</body>
</html>
```

2nd:CSS

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    *{
      padding: 0;
      margin: 0;
      box-sizing: border-box;
    }
    .header{
      height: 100px;
      background-color: blue;
      color: white;
      opacity: 0.7;
      display: flex;
    }
    .logo{
      height: inherit;
      width: 20%;
      padding-left: 100px;
      padding-top: 20px;
      font-size: large;
      font-size: 20px;
    }
    .menu{
      padding-left: 200px;
    }
    a{
      text-decoration: none;
      color: white;
    }
  
```

```
p{
  display: inline-block;
  padding: 20px;
}
.drop{
  border: none;
  background-color: blue;
  color: white;
}
.get{
  padding: 10px 20px 10px 20px;
  border: 1px solid white;
  border-radius: 20px;
}
.get:hover{
  background-color: white;
}
.main{
  height: 500px;
  background-color: blue;
  color: white;
  opacity: 0.7;
  display: flex;
}
.text{
  width: 40%;
  padding-left: 100px;
  padding-top: 60px;
}
h2{
  font-size: 30px;
}
h4{
  padding-top: 10px;
  font-size: 15px;
}
```

```

.st{
  padding-top: 50px;
  display: inline-block;
  display: flex;
}
.gt{
  padding: 10px;
  border: 1px solid #2e3192;
  background-color: #2e3192;
  border-radius: 20px;
}
.im{
  padding-top: 5px;
  padding-left: 10px;
  display: flex;
}
.vd{
  padding-top: 5px;
}
.img{
  height: 500px;
  width: 500px;
  background-image: url(hero-img.png);
  background-repeat: no-repeat;
  background-size: contain;
}
.txt{
  opacity: 0.5;
}
.footer{
  height: 150px;
}

```

4. Create simple three pages using External CSS, Internal CSS, Inline CSS.

```

.ft{
  padding-left: 150px;
}
#one{
  font-size: xx-large;
  font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
}
#two{
  font-size: x-large;
  font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
}
#three{
  font-style: italic;
  font-size: large;
}
#four{
  font-family: Arial, Helvetica, sans-serif;
  font-size: x-large;
}
#five{
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  font-size: x-large;
}
#six{
  font-family: Georgia, 'Times New Roman', Times, serif;
  font-size: x-large;
}
.f2{
  padding-top: 50px;
  text-align: center;
  font-size: x-large;
  font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
  color: rgb(46, 105, 224);
}

```

```

    .gt:hover{
      background-color: white;
      color: blue;
    }
  </style>
</head>

```

1.External CSS

An external CSS style sheet is a separate file that contains a list of CSS rules and has the .css extension. You need to link it to an HTML document.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="ext.css">
</head>
<body>
  <h1>This Is External Tag</h1>
</body>
</html>
```

```
1  ✓ h1{
2    color: red;
3  }
```

2.Internal CSS

Internal CSS is placed inside a <style> element, which goes inside the <head> of the HTML document.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    h1{
      color: ■ brown;
      text-align: center;
    }
  </style>
</head>
<body>
  <h1>This is Internal HTML </h1>
</body>
</html>

```

3. Inline CSS

You can use inline style CSS to modify HTML elements. It uses the style attribute.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h1 style="color: ■ blue; text-align: center;">This Is Inline HTML</h1>
</body>
</html>

```

5. In how many ways can a CSS be integrated as a webpage?

3 ways can a CSS be intergrated as a webpage

1st: External CSS

2nd: Internal CSS

3rd: Inline CSS