

Cascading Style Sheets

1. Form Tag

- Can be applied on group of input element
- `<form></form>`
- Attribute - action -- "POST and GET"
- Requesting for the certain webpage from web server is called as GET and After validation completed then webpage again push back to server called as POST

Input Field Properties

```
<!Doctype html>
<html>
  <head>
    <title>Login Page</title>
    <link href="Sample.css" rel="StyleSheet" />
  </head>
  <body>
    <table>
      <tr>
        <th colspan="2"><p>Login Here</p></th>
      </tr>
      <tr>
        <td>
          <label for="Username">Username</label>
        </td>
        <td>
          <input type="text" id="txtUsername" />
        </td>
      </tr>
      <tr>
        <td>
          <label for="Password">Password</label>
        </td>
        <td>
          <input type="password" id="txtPassword" />
        </td>
      </tr>
      <tr>
        <td colspan="2" align="center">
          <input type="button" id="btnSubmit" value="Submit" />
        </td>
      </tr>
    </table>
  </body>
</html>
```



```
</table>
</body>
</html>
```

LOGIN HERE	
USERNAME	<input type="text"/>
PASSWORD	<input type="password"/>
<input type="submit" value="Submit"/>	

```

table,th,td{
    border: 2px solid green;
}
table{
    width: 100%;
}
input[type=text],input[type=password]{
    width: 100%;
    margin:8px;
    padding: 10px;
    box-sizing: border-box;
    border:2px solid red;
    border-radius: 5px;
    background-color: darkgray;
    color:white;
}
label{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-variant: small-caps;
    color: darkblue;
}
th p{
    font-size: x-large;
    font-family: monospace;
    font-variant: small-caps;
    text-align: center;
}

input[type=button]{
    font-size: large;
    font-weight: bolder;
    background-color: darkgray;
    color:wheat;
}

```

Style of Select or Drop down list:

```
emoInput2.html > html > head > link
<html>
  <head>
    <title>Input Field CSS</title>
    <link href="Sample1.css" rel="StyleSheet" />
  </head>
  <body>
    <select>
      <option>India</option>
      <option>Aus</option>
      <option>US</option>
    </select>
  </body>
</html>
```

Sample1.css > select

```
1  select{
2    width: 100%;
3    margin:20px,10px,20px,20px;
4    border: 2px double darkblue;
5    font-size: large;
6    background-color: lightgrey;
7    color: darkviolet;
8    padding-left:30px;
9  }
```

```
select{
  width: 100%;
  margin:20px,10px,20px,20px;
  border: 2px double darkblue;
  background-color: lightgrey;
  font-size: large;
  color: darkviolet;
  padding-left:30px;
}
option{
  font-size: xx-large;
  font-family: Verdana, Geneva, Tahoma, sans-serif;
}
```

Text Shadow and Box Shadow

```
<> DemoShadows.html > html > body > div.a2
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Shadows Effect</title>
5      <link href="Sample2.css" rel="StyleSheet" />
6    </head>
7    <body>
8      <div class="a1">
9        <h1>Dhyanahita-DSPS</h1>
10     </div>
11     <div class="a2">
12       <h1>Dhyanahita-DSPS</h1>
13     </div>
14   </body>
15 </html>
```

Dhyanahita-DSPS

Dhyanahita-DSPS

```
.a1{
  color: dimgray;
  text-shadow: 2px 3px red;
  text-align: center;
}
```

```
.a2{
  box-shadow: 2px 3px 2px 3px darkviolet;
  text-align: center;
  color: red;
  width: 300px;
  height: 100%;
}
```

2D Transforms : to make the position to change

1. translate()
2. scaleX()
3. scaleY()
4. rotate()
5. scale()
6. skewX()
7. skewY()
8. skew()
9. matrix()

```
DemoTransform.html > html > body > div.a1
2 <html>
3   <head>
4     <title>2D transform Translate</title>
5     <link href="Sample3.css" rel="StyleSheet" />
6   </head>
7   <body>
8     <div class="a1">
9       <h1>Translate the Div</h1>
10    </div>
11  </body>
12 </html>
```

Translate the Div

```
.a1{
  border:2px solid red;
  text-align: center;
}
div:hover{
  transform:translate(100px,120px);
}
```



3D Transforms:

1. rotateX()
2. rotateY()
3. rotateZ()

```
<> DemoTransform.html > html > body > div.a1
2 <html>
3   <head>
4     <title>2D transform Translate</title>
5     <link href="Sample3.css" rel="StyleSheet" />
6   </head>
7   <body>
8     <div class="a1">
9       <h1>Translate the Div</h1>
10    </div>
11  </body>
12 </html>
```

Translate the Div

Sample3.css >  div: hover

```
1  .a1{
2      border:2px solid  red;
3      text-align: center;
4      background-color:  lightblue;
5  }
6  div: hover{
7      transform: rotateZ(180deg);
8  }
9
```

Applying on Two Different div's by using ID

< DemoTransform.html >  html >  body >  div#div2.a1

```
2  <html>
3      <head>
4          <title>2D transform Translate</title>
5          <link href="Sample3.css" rel="StyleSheet" />
6      </head>
7      <body>
8          <div class="a1" id="div1">
9              <h1>Translate the Div</h1>
10         </div>
11         <div class="a1" id="div2">
12             <h1>Translate the Div</h1>
13         </div>
14     </body>
15 </html>
```

Translate the Div

Translate the Div

Sample3.css >  #div2: hover

```
1  .a1{
2      border:2px solid  red;
3      text-align: center;
4      background-color:  lightblue;
5  }
6  #div1: hover{
7      transform: rotateZ(180deg);
8  }
9  #div2: hover{
10     transform: rotateX(180deg);
11 }
12
```