

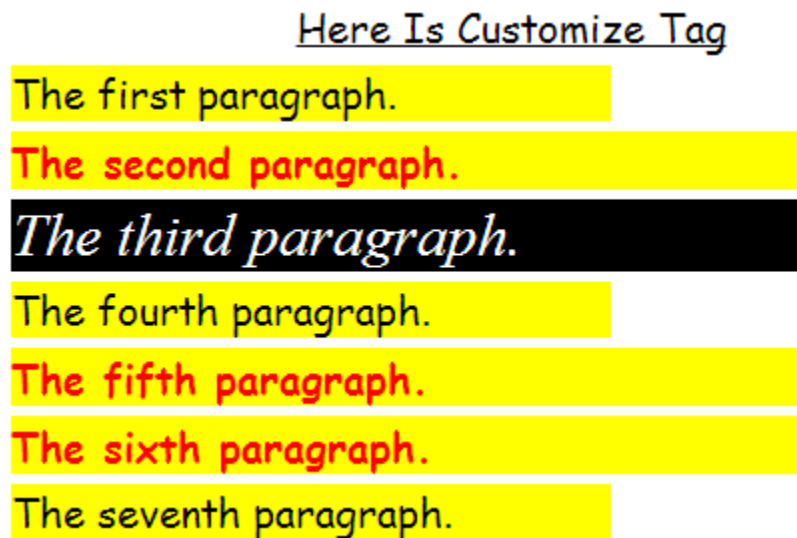
## LAB FOR SESSION 7 & 8

### A. OBJECTIVES

- Understanding and using difference type of selectors.
- Using internal and external style sheets.
- Using CSS properties and CSS3 properties.
- Using pseudo-class and pseudo-element.

### B. STEP BY STEP EXERCISES

#### 1. The priority of selectors



*Figure 7.1*

```

1  <!doctype html>
2  <html>
3  <head>
4  <meta charset="utf-8">
5  <title>The priority of selectors</title>
6  <style type="text/css">
7  * {font: 20px "Comic Sans MS";}
8  MyCustomizeTag {
9      display: block;
10     text-align: center;
11     text-transform: capitalize;
12     text-decoration: underline;
13     width: 500px;
14 }
15 div {
16     background-color: yellow;
17     margin: 0px 0px 5px 5px;
18     width: 300px;
19 }
20 .GroupFormat {
21     font-weight: bold;
22     color: #f00;
23     width: 400px;
24 }
25 #TheHighestPriority {
26     background-color: #000;
27     font-weight: none;
28     font: italic 30px "Times New Roman";
29     color: #fff;
30 }
31 </style>
32 </head>
33 <body>
34     <MyCustomizeTag>Here is customize tag</MyCustomizeTag>
35     <div>The first paragraph.</div>
36     <div class="GroupFormat">The second paragraph.</div>
37     <div class="GroupFormat" id="TheHighestPriority">
38         The third paragraph.
39     </div>
40     <div>The fourth paragraph.</div>
41     <div class="GroupFormat">The fifth paragraph.</div>
42     <div class="GroupFormat">The sixth paragraph.</div>
43     <div>The seventh paragraph.</div>
44 </body>
45 </html>
46

```

## 2. Recognize odd and even element

# Aptech Semester 1's Subject

Elementary Programming in C.  
 Explore HTML, DHTML and JavaScript.  
 Designing Web Sites in Dreamweaver.  
 RDBMS and Data Management.  
 Working with SQL Server Database Objects.  
 eProject (Dreamweaver).

*Figure 7.2*

**Hint:**

```

1  <!doctype html>
2  <html>
3  <head>
4  <meta charset="utf-8">
5  <title>Recognize odd and even element</title>
6  <style>
7  div {width: 400px;}
8  div:nth-child(even) {background: #f9f9f9;} /* even | odd */
9  div:nth-child(2n + 1) {background: #ff9;} /* an + b */
10 </style>
11 </head>
12 <body>
13   <h1>Aptech Semester 1's Subject</h1>
14   <div>Elementary Programming in C.</div>
15   <div>Explore HTML, DHTML and JavaScript.</div>
16   <div>Designing Web Sites in Dreamweaver.</div>
17   <div>RDBMS and Data Management.</div>
18   <div>Working with SQL Server Database Objects.</div>
19   <div>eProject (Dreamweaver).</div>
20 </body>
21 </html>

```

### 3. Create product list with CSS3



*Figure 7.3*

**Hint:**

```

<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Create product list with CSS3</title>
<style type="text/css">
.ProductDetails {display: none;}
.Product img {
    width: 150px;
    height: 150px;
    border-radius: 20px;
    box-shadow: 5px 5px 10px #aaa;
}
.ProductName {font-weight: bold;}
.ProductPrice {font-style: italic;}
.ProductPrice:before {content: " - ";;}
.Product {
    text-align: center;
    width: 150px;
    margin: 0px 20px;
    float: left;
    cursor: pointer;
}
.Product:hover .ProductDetails {display: block;}
</style>
</head>

```

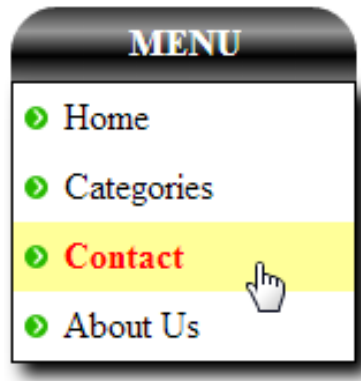
```
<body>
<div>
  <div class="Product">
    
    <div class="ProductDetails">
      <span class="ProductName">Rose</span>
      <span class="ProductPrice">1.5$</span>
    </div>
  </div>
  <div class="Product">
    
    <div class="ProductDetails">
      <span class="ProductName">Tulip</span>
      <span class="ProductPrice">2.0$</span>
    </div>
  </div>
  <div class="Product">
    
    <div class="ProductDetails">
      <span class="ProductName">Daisy</span>
      <span class="ProductPrice">1.0$</span>
    </div>
  </div>
</div>
</body>
</html>
```

## C. EXTRA EXERCISES

### 1. Create a menu as below

#### *Requirement:*

- The menu title will be filling using CSS3 gradient property.
- Display small bullet before every menu item.
- The menu item background will be yellow when user moves the pointer over it.



*Figure 7.4*

**Hint:**

Step 1: Create file LeftMenu.css and then save it into css folder.

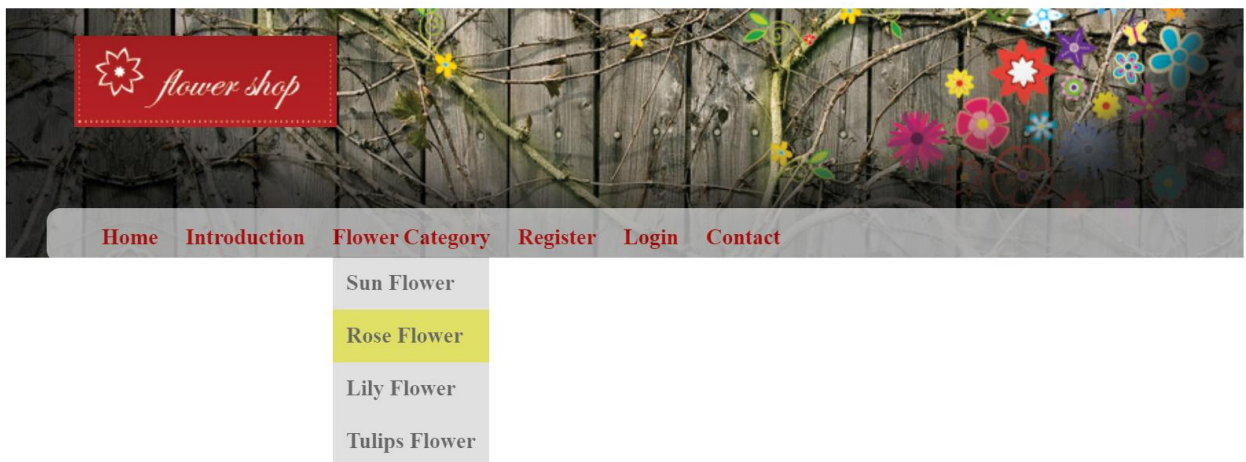
```
@charset "utf-8";
.menu div{
    width: 150px;
    height: 32px;
    background: -webkit-linear-gradient(top, #333, #999, #000) repeat-x;
    background: -o-linear-gradient(top, #333, #999, #000) repeat-x;
    background: -ms-linear-gradient(top, #333, #999, #000) repeat-x;
    background: -moz-linear-gradient(top, #333, #999, #000) repeat-x;
    border-radius: 20px 20px 0px 0px;
    color: #fff;
    font-weight: bold;
    text-align: center;
    vertical-align: middle;
    display: table-cell;
    text-transform: uppercase;
}
.menu ul {
    list-style: inside url(../img/bullet.png);
    box-shadow: 5px 5px 10px #000;
    border: 1px solid #000;
    width: 148px;
    margin: 0px;
    padding: 0px;
}
.menu li {
    padding: 5px;
    width: 138px;
    cursor: pointer;
    text-transform: capitalize;
}
```

```
.menu li:hover {
    background-color: #ff9;
    font-weight: bold;
    color: #f00;
}
```

Step 2: Create file html and link to LeftMenu.css file

```
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Left menu</title>
<link rel="stylesheet" type="text/css" href="css/LeftMenu.css" />
</head>
<body>
<div class="menu">
    <div>menu</div>
    <ul>
        <li>home</li>
        <li>categories</li>
        <li>contact</li>
        <li>about us</li>
    </ul>
</div>
</body>
</html>
```

2. Create a navigation such as:



Hint:

```
<!doctype html>
<html>

<head>
  <meta charset="utf-8">
  <title>Navigation Bar</title>
  <style>
    #header {
      background: url(images/header.jpg);
      height: 181px;
      width: 900px;
      margin-left: 20%;
      margin-right: 25%;
    }

    #logo {
      padding: 20px 0 0 50px;
    }

    #menu_top {
      margin-top: 55px;
      margin-left: 30px;
      background: □ #ffffff;
      height: 40px;
      opacity: 0.6;
      border-radius: 10px 0px 0px 10px;
    }
  </style>
</head>
</html>
```



```
.level1 {  
  list-style-type: none;  
  padding-top: 12px;  
}  
  
.level1 li {  
  display: inline;  
  float: left;  
  padding: 0px 20px 0px 0px;  
  height: 27px;  
  font-weight: bold;  
}  
  
.level1 li a,  
.level1 li a:visited {  
  color: red;  
  text-decoration: none;  
}  
  
.level1 li a:hover {  
  color: green;  
}  
  
.level2 {  
  display: none;  
  position: absolute;  
  padding: 0px;  
  margin-top: 5px;  
}
```

```

        .level1 li:hover>.level2 {
            display: block;
        }

        .level2 li {
            float: none;
            position: relative;
            display: block;
            padding: 10px;
            height: auto;
            background: #ccc;
        }

        .level2 li:hover {
            background: #CC0;
        }
    </style>
</head>

<body>
    <header id="header">
        <div id="logo">
        </div>
        <nav id="menu_top">
            <ul class="level1">
                <li><a href="index.html">Home</a></li>
                <li><a href="gioithieu.html">Introduction</a></li>
                <li><a href="#">Flower Category</a>
                    <ul class="level2">
                        <li>Sun Flower</li>
                        <li>Rose Flower</li>
                        <li>Lily Flower</li>
                        <li>Tulips Flower</li>
                    </ul>
                </li>
                <li><a href="dangky.html">Register</a></li>
                <li><a href="#">Login</a></li>
                <li><a href="lienhe.html">Contact</a></li>
            </ul>
        </nav>
    </header>
</body>

</html>

```