

Course Name: **O Level (1stSem)**
Topic: **CSS – Menu Design (Part 18)**

Subject **Web Designing & Publishing (WDP)**
Date: **21-May-2020**

CSS – Menu design

Menu (also called navigation bar) helps to navigate (move backward and forward) within the website. Menu contains the links to various web pages that makes easy for user of the website to navigate the pages.

With using CSS, attractive menu can be designed. Menu can be horizontally arranged or vertically arranged

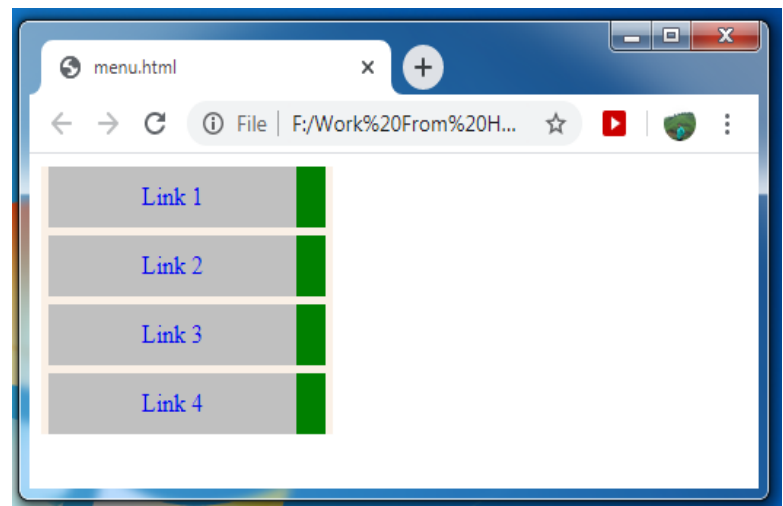
 and <a> are used with various CSS properties to make menu or navigation bar.

Vertical Menu

Code:

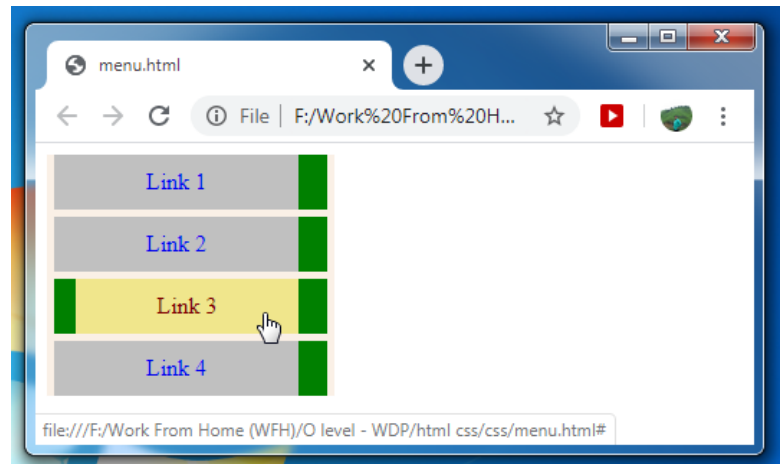
```
<html>
<head>
<style>
  ul{
    list-style-type:none;
    margin:0;
    padding:0;
    width:200px;
    background-color:linen;
    text-align:center;
  }
  li a{
    text-decoration:none;
    padding:10px;
    margin:05px;
    display:block;
    background-color:silver;
    border-right:20px solid green;
  }
```

Output



```
}  
li a: hover {  
border-left: 15px solid green;  
color: maroon;  
background-color: khaki;  
}  
</style></head>  
<body>  
<ul>  
<li><a href="#"> Link 1 </a></li>  
<li><a href="#"> Link 2 </a></li>  
<li><a href="#"> Link 3 </a></li>  
<li><a href="#"> Link 4 </a></li>  
</body>  
</html>
```

When mouse is moved over the menu, it will change because of CSS defined in **li a: hover { }**



Here, selectors used in above CSS code

```
ul {  
}
```

This will style the `<ul>` element in the body section of HTML

```
li a {  
}
```

This will style those `<a>` element that is within `<li>` element in the body section of HTML

```
li a: hover {  
}
```

This will style those `<a>` element when mouse is moved over it and `<a>` is within `<li>` element in the body section of HTML

Horizontal Menu

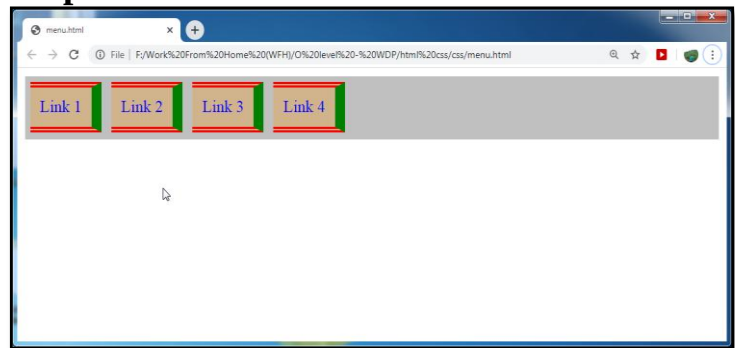
float:left property can be used with `<li>` to make horizontal menu. This will arrange the list item next to each other rather than line by line;

```
li{  
float:left;  
}
```

Code:

```
<html>  
<head>  
<style>  
  ul{  
    list-style-type:none;  
    margin:0;  
    padding:0;  
    background-color:silver;  
    text-align:center;  
    height:60px;  
  }  
  li{  
    float:left;  
  }  
  li a{  
    text-decoration:none;  
    padding:10px;  
    margin:05px;  
    display:block;  
    background-color:tan;  
  
    border-right:10px solid green;  
    border-top: 05px double red;  
    border-bottom: 05px double red;  
  }
```

Output



When mouse is moved over the menu, it will change because of CSS defined in **li a:hover { }**



```
li a:hover{  
border-right:10px solid green;  
color:maroon;  
background-color:khaki;  
}  
</style></head>  
<body>  
<ul>  
<li><a href="#"> Link 1 </a></li>  
<li><a href="#"> Link 2 </a></li>  
<li><a href="#"> Link 3 </a></li>  
<li><a href="#"> Link 4 </a></li>  
</body>  
</html>
```

Exercise:

1. Design your own horizontal and vertical menu.