

Course Name: **O Level (1stSem)**

Topic: CSS – Dropdown Menu (Part 20)

Subject Web Designing & Publishing (WDP)

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CSS – DropDown

Using CSS properties the dropdown menu can be designed.

An example of dropdown menu is shown below in which a submenu is dropped whenever mouse is moved over drop down menu.

Initially the contents of drop down needs to be hide, so **display** property is used as:

```
display: none;
```

Then using hover state of element, the contents of drop down is shown as:

```
display: block;
```

Code: Dropdown

<html>

<head>

<style>

```
*{
margin:0;
padding:0;
}
```

```
.dd{
position: relative;
background-color:bisque;
padding:15px;
width:100px;
border-bottom:5px double black;
}
```

```
.dd:hover{
background-color: coral;
color: white;
border-left:15px solid black; }
```

Explanation:

Margin and padding is set to “zero” for all elements. * is universal selector.

It is for styling dropdown div `<div class="dd">`. Its position is set to **relative**.

This is for styling dropdown <div> when mouse is moved over it.

```
.ddcontents{
position: absolute;
display: none;
margin:15px;
}
```

This is for styling contents of dropdown `<div class="ddcontents">`. Its position is **absolute** (It will be positioned in respect of its parent). Initially it will not be displayed because **display is set to none**;

```
.dd:hover .ddcontents{
display: block;
}
```

When mouse is moved over first `<div>` (dd), then only its child `<div>` (ddcontents) will be displayed because **display is set to block on hover state of first div**.

```
.menu{
list-style-type: none;
width:150px;
}
```

This will style the `<ul>` having class "menu".

```
.menu li a{
display: block;
text-decoration: none;
padding:10px;
margin:2px;
background-color: lightgreen;
color: darkgreen;
text-align: center;
}
```

This will style `<a>` inside `<li>` which itself inside element (here `<ul>`) having class "menu".

```
.menu li a:hover{
border:2px double blue;
border-left:15px solid blue;
background-color: lightblue;
color: darkblue;
}
```

This will style `<a>` when mouse is moved over it. `<a>` should be inside `<li>` which itself inside element (here `<ul>`) having class "menu".

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1> Example of DropDown </h1><br>
```

```
<p> Move Mouse over the text below to see
```

the dropdown effects. </p>


```
<div class="dd"> DropDown
```

```
<div class="ddcontents">
```

```
<ul class="menu">
```

```
<li> <a href="#"> About Us </a> </li>
```

```
<li> <a href="#"> Services </a> </li>
```

```
<li> <a href="#"> Achievements </a> </li>
```

```
<li> <a href="#"> Contact Us </a> </li>
```

```
</ul>
```

```
</div>
```

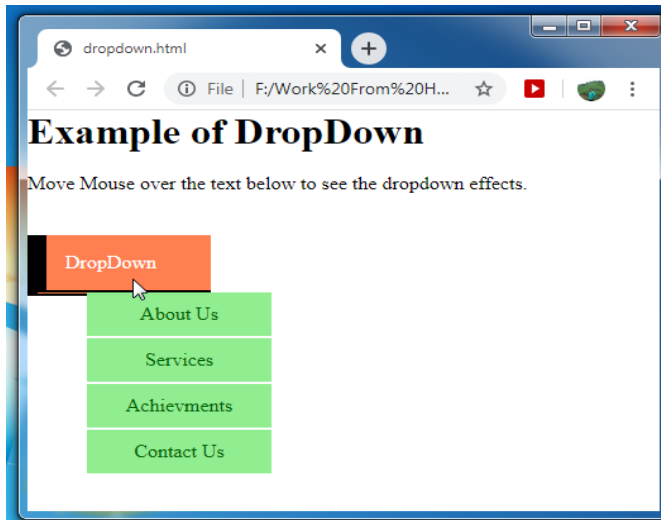
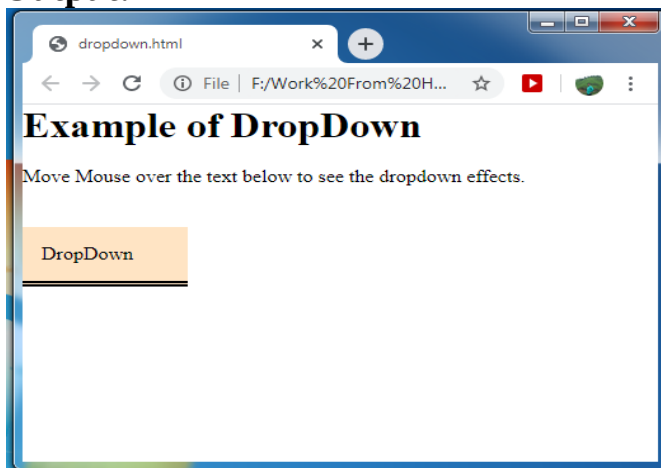
```
</div>
```

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

```
<div class="dd"> --- for dropdown
```

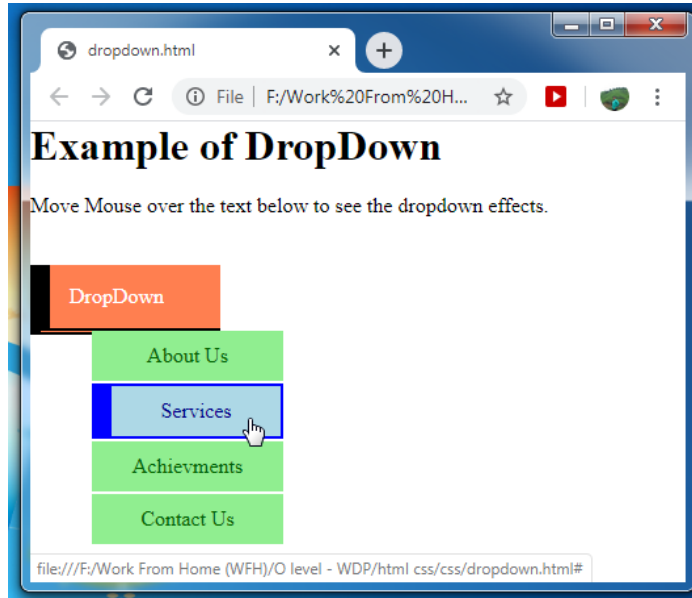
contains another div

Output:



When mouse is moved over the dropdown menu:

When mouse is moved over the contents of dropdown menu:



Exercise:

1. Create an attractive dropdown menu using CSS properties.
(Give it different look than above)

