

3cCourse Name: O Level (1st Sem)

Topic: W3.CSS – Dropdown (Part 12)

Subject Web Designing & Publishing (WDP)

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W3.CSS – Dropdown

Using W3.CSS classes, attractive and stylish dropdown menu can be designed.

w3-dropdown-hover

-- The **w3-dropdown-hover** class is used to define hoverable dropdown HTML elements.

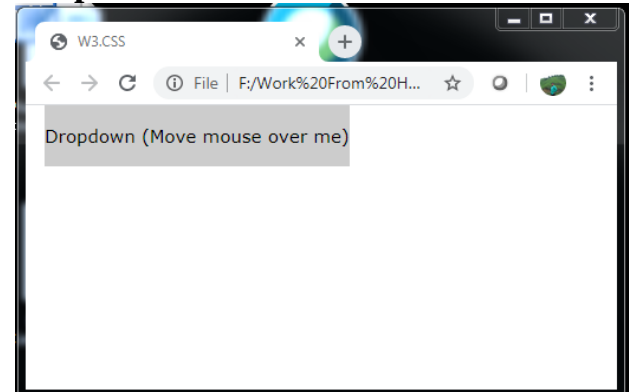
w3-dropdown-content

-- The **w3-dropdown-content** class is used to define the contents of dropdown that are to be displayed when mouse is moved over the dropdown.

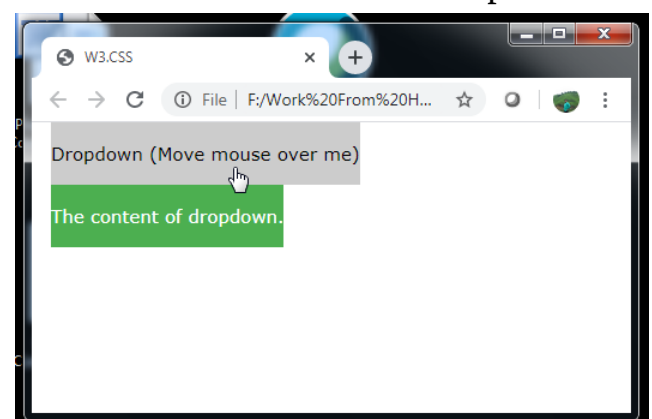
Code: A simple dropdown

```
<html>
<title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<div class="w3-dropdown-hover"> <p>
Dropdown (Move mouse over me) </p>
<div class="w3-dropdown-content w3-green"> <p> The content of dropdown.
</p> </div>
</div>
</div>
</body>
</html>
```

Output



When mouse is moved over dropdown:



Explanation: In above example, a `<div class="w3-dropdown-hover">` element contains another `<div class="w3-dropdown-content">` within it to give dropdown effect.

Other classes of W3.CSS can be used to style the button like: Color classes, Border classes, Margin classes, Round classes, Text, Font classes, Card classes etc.

[**w3-red, w3-hover-pink, w3-border, w3-margin, w3-card, w3-button, w3-round** etc.]

Animation in Dropdown:

The **w3-animate-effects** class can be used to give animation effects to the dropdown:

- **w3-animate-zoom**
- **w3-animate-right**
- **w3-animate-opacity**
- **w3-animate-top**
- **w3-animate-fading**
- **w3-animate-bottom**
- **w3-animate-left**

These animations related classes can be used with other HTML elements also, especially with images.

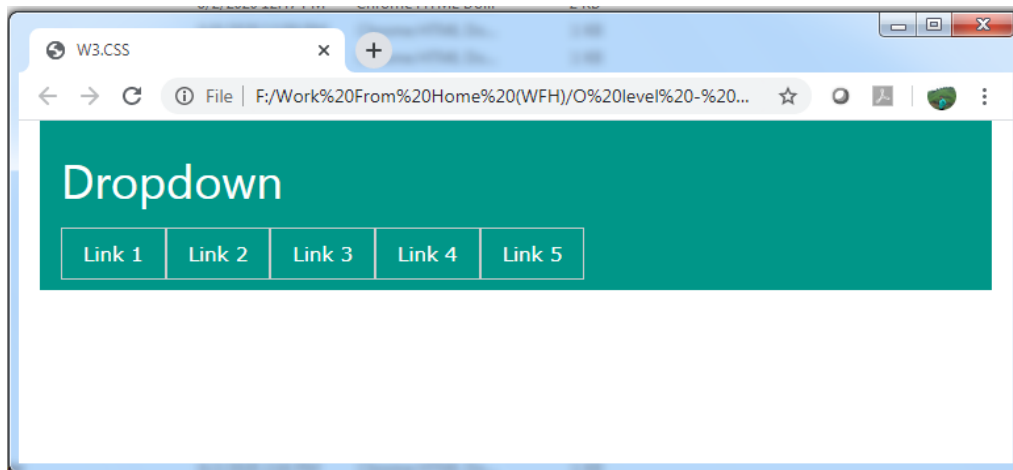
Code: W3CSS Dropdown

```
<html>
<title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<div class="w3-bar w3-teal w3-padding">
<h1> Dropdown</h1>
<a href="#" class="w3-bar-item w3-border w3-hover-khaki w3-button"> Link 1 </a>
<a href="#" class="w3-bar-item w3-border w3-hover-khaki w3-button"> Link 2 </a>

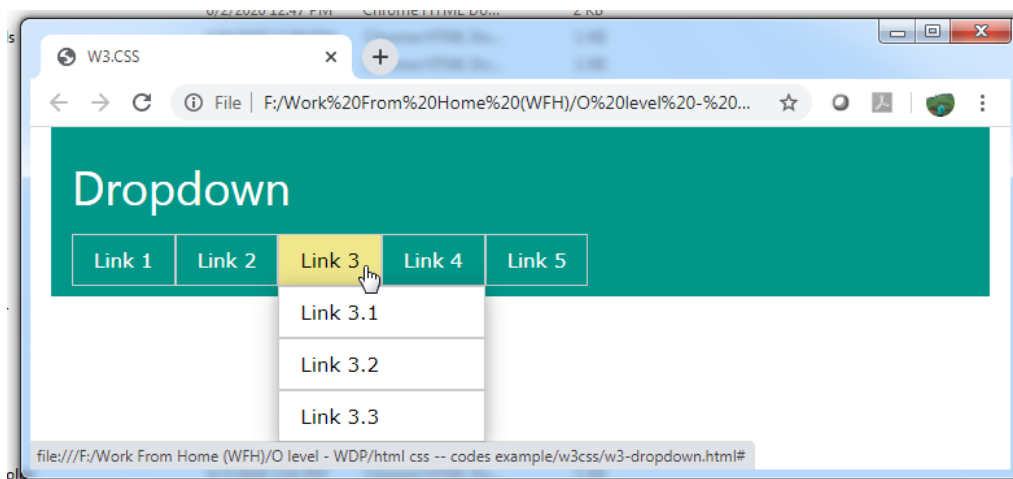
<div class="w3-dropdown-hover">
```

```
<a href="#" class="w3-button w3-border w3-hover-khaki w3-button"> Link 3 </a>
  <div class="w3-dropdown-content w3-bar-block w3-card-4">
    <a href="#" class="w3-bar-item w3-border w3-hover-amber w3-button">Link3.1</a>
    <a href="#" class="w3-bar-item w3-border w3-hover-amber w3-button">Link3.2</a>
    <a href="#" class="w3-bar-item w3-border w3-hover-amber w3-button">Link3.3</a>
  </div>
</div>
<a href="#" class="w3-bar-item w3-border w3-hover-khaki w3-button"> Link 4 </a>
<a href="#" class="w3-bar-item w3-border w3-hover-khaki w3-button"> Link 5 </a>
</div>
</body></html>
```

Output: W3CSS Dropdown



When mouse is moved over Link 3:



Code: W3CSS Dropdown Images

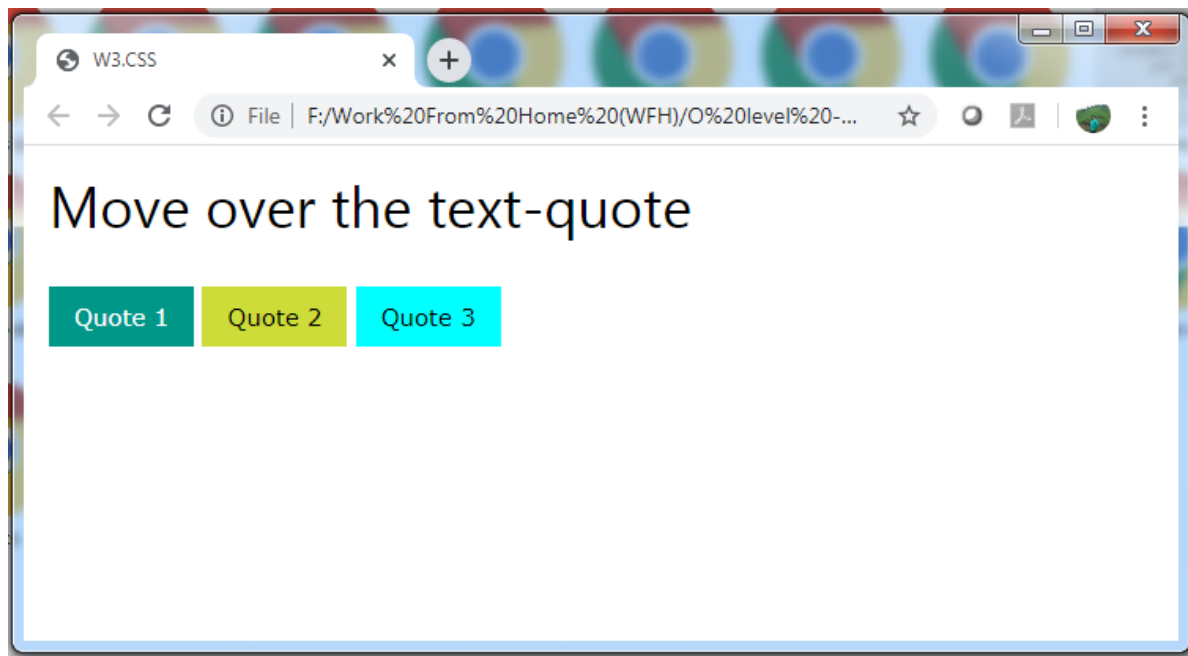
```
<html>
<title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<h1> Move over the text-Quote</h1>
<div class="w3-dropdown-hover">
  <p class="w3-button w3-teal"> Quote 1 </p>
  <div class="w3-dropdown-content w3-card-4 w3-animate-zoom">
    
  </div>
</div>

<div class="w3-dropdown-hover">
  <p class="w3-button w3-lime"> Quote 2 </p>
  <div class="w3-dropdown-content w3-card-4 w3-animate-fading">
    
  </div>
</div>

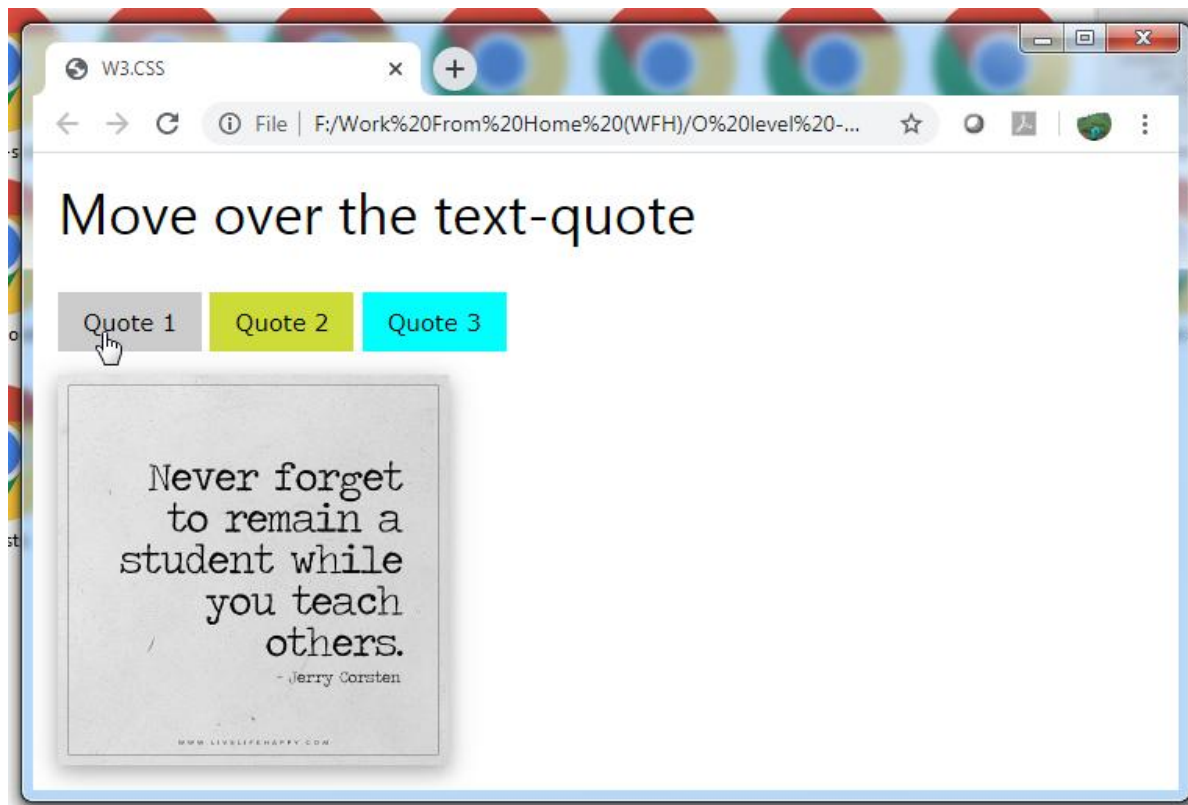
<div class="w3-dropdown-hover">
  <p class="w3-button w3-aqua"> Quote 3 </p>
  <div class="w3-dropdown-content w3-card-4 w3-animate-zoom">
    
  </div>
</div>

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

Output:



When mouse is moved over the text-quote:



Exercise:

1. Create attractive and stylish Dropdown menu using W3.CSS classes.
2. Create attractive and stylish image dropdown using W3.CSS classes:
 - There should be at least three images of dimension 150px * 150px.
 - When mouse is moved over the images, full width (100%) should be displayed.

