Course Name: O Level (1ST Sem)   **Subject:** Web Designing and Publishing
Topic: W3.CSS Framework(Part 2)   **Date:** 26-05-2020

W3.CSS Framework

W3.CSS Color

The w3-color and w3-text-color classes are inspired by modern colors used in marketing, road signs, and sticky notes. It can be used to color any HTML element (Containers, Buttons, Text, Borders, Tables, and Cards) and attribute (background) and event (hover).

W3.CSS supports a rich set of color classes like- w3-red, w3-pink, w3-purple, w3-deep-purple, w3-indigo, w3-blue, w3-light-blue, w3-cyan, w3-teal , w3-green, w3-light-green, w3-lime, w3-khaki , w3-yellow, w3-amber, w3-orange, w3-deep-orange, w3-blue-grey, w3-brown, w3-light-grey, w3-grey, w3-dark-grey, w3-black, etc.

Note: w3.css class name must started with "w3-" and class name is case sensitive.

Red	Pink	Khaki	Yellow
Purple	Deep Purple	Amber	Orange
Indigo	Blue	Deep Orange	Blue Gray
Light Blue	Cyan	Brown	Light Gray
Aqua	Teal	Gray	Dark Gray
Green	Light Green	Pale Red	Pale Yellow
Lime	Sand	Pale Green	Pale-Blue

Background Colors : The **w3-*color*** classes set the background color for any HTML element:

```
<!DOCTYPE html> <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>Background Colors</h1>
  <p>The w3-color classes defines background colors for HTML elements:</p>
</div>
<div class="w3-container w3-red">  <h2>London</h2>
  <p>London is the most populous city in the United Kingdom, with a metropolitan
area of over 9 million inhabitants.</p></div>
<div class="w3-container w3-teal">  <h2>London</h2>
  <p>London is the most populous city in the United Kingdom, with a metropolitan
area of over 9 million inhabitants.</p></div>
</body></html>
```
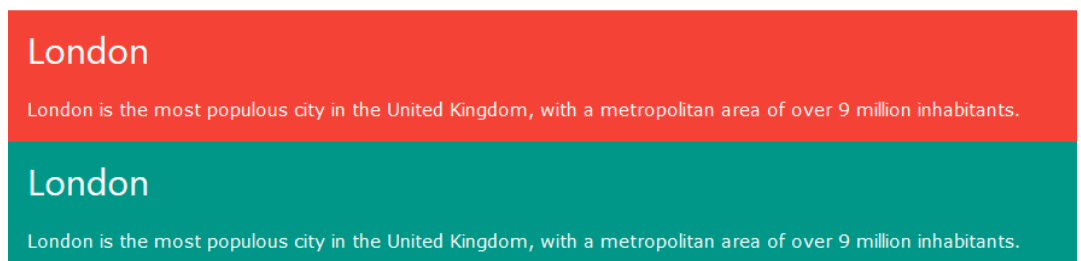
Output:

Background Colors

The w3-color classes defines background colors for HTML elements:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Text Colors: The w3-text-color classes set the text color of any HTML element.

```html
<!DOCTYPE html><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>Text Colors</h1>
<p>The w3-text-color classes defines text colors for HTML elements:</p></div>
<div class="w3-text-red"> <h2>London</h2>
    <p>London is the most populous city in the United Kingdom, with a
metropolitan area of over 9 million inhabitants.</p>  </div>
  <div class="w3-text-blue"> <h2>London</h2>
    <p>London is the most populous city in the United Kingdom, with a
metropolitan area of over 9 million inhabitants.</p>  </div>
</body></html>
```

Output:

Text Colors

The w3-text-color classes defines text colors for HTML elements:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Hover Colors: The w3-hover-color classes define the background hover color for any HTML element.

```html
<!DOCTYPE html>
<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>Hover Colors</h1>
<p>Change the background color when hovering over an element:</p></div>
<div class="w3-container w3-orange w3-hover-red">  <h2>London</h2>
   <p>London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million
inhabitants.</p></div>
<p>Change the text color when hovering over an element:</p>
<div class="w3-container w3-orange w3-hover-text-white">  <h2>London</h2>
   <p>London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million
inhabitants.</p></div>
</body></html>
```

Normal

Over First div

Over Second div

Hover Colors

Change the background color when hovering over an element:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Change the text color when hovering over an element:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Hover Colors

Change the background color when hovering over an element:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Change the text color when hovering over an element:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Hover Colors

Change the background color when hovering over an element:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Change the text color when hovering over an element:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

Exercise:

1: Use the w3-color, w3-text-color, w3-hover-color and w3-hover-text-color classes.