Course Name: **O Level (1ˢᵗSem)**   Subject **Web Designing & Publishing (WDP)**
Topic: **W3.CSS – Colors (Part 2)**   Date: **02-June-2020**

W3.CSS – Colors

In W3.CSS, we don't have to write own CSS code for styling, instead various classes are available for styling the webpage. We have to only include/link w3.css file in our web page and then have to use classes available for particular purpose. The rich sets of predefined classes are available in W3.CSS.

In terms of coloring of element, there are following classes in W3.CSS:

- **w3-***color*   It is used to specify the background color of the element.

- **w3-text-***color*   It is used to specify the text color

- **w3-hover-***color*   It is used to specify background color when mouse is moved over the element.

- **w3-hover-text-***color*   It is used to specify text color of the element when mouse is moved over the element.

Note: In above class name, color name is specified in place of *color, like*

w3-green, w3-red, w3-yellow etc.

w3-text-blue, w3-text-pink etc.

w3-hover-aqua, w3-hover-teal etc.

w3-hover-text-lime, w3-hover-text-sand etc.

Some of the colors available in the W3.CSS are:

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

w3-color [To set background color.]

Code

```html
<html>
      <head>
      <title> W3CSS </title>
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
      </head>
<body>
<div class="w3-purple">
<h1> NIELIT </h1>
<p> National Institute of Electronics & Information Technology </p>
</div>
<div class="w3-green">
<h1> NIELIT </h1>
<p> National Institute of Electronics & Information Technology </p>
</div>
</body>
</html>
```
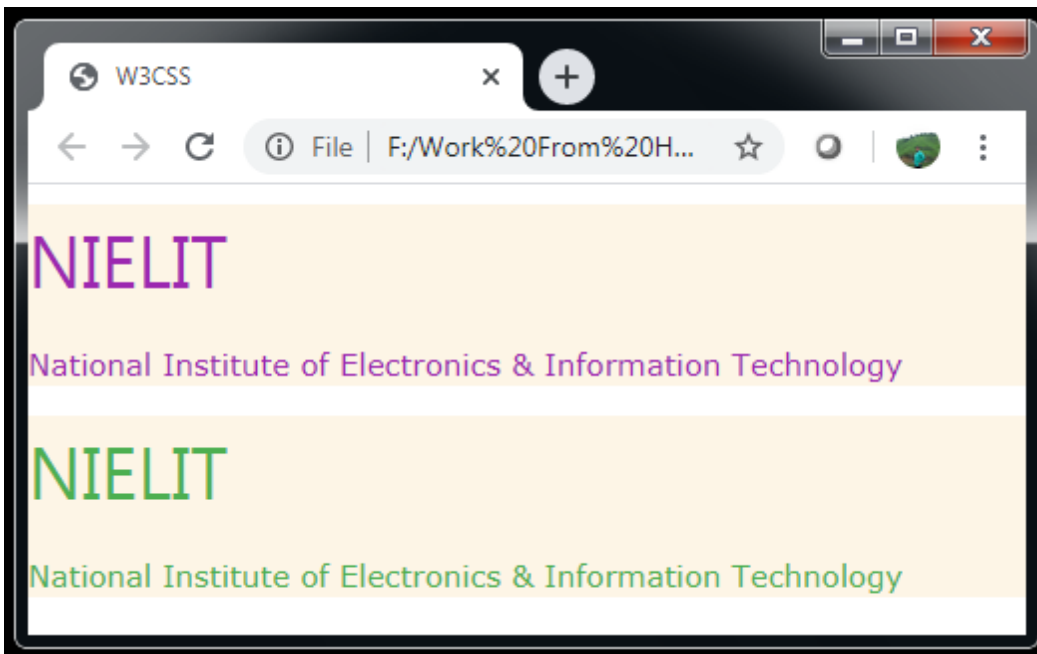
Output:

w3-text-color   **[To set text color.]**

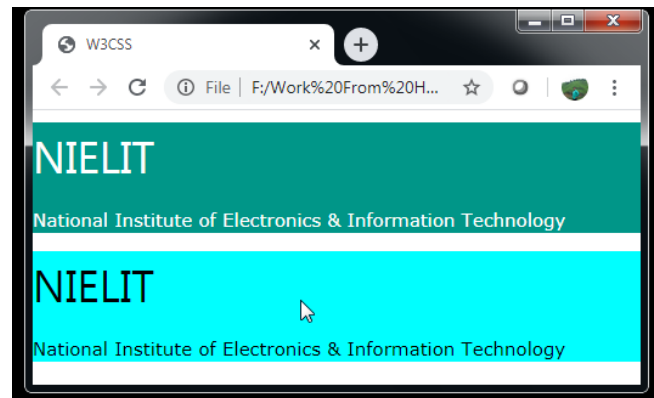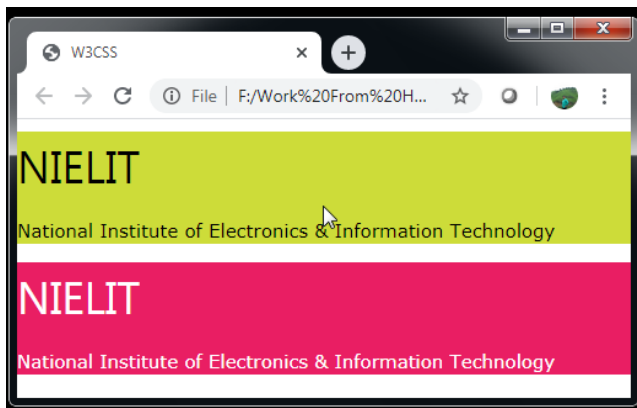**Code**

```
<html>
    <head>
    <title> W3CSS </title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    </head>
<body>
<div class="w3-text-purple w3-sand">
<h1> NIELIT </h1>
<p> National Institute of Electronics & Information Technology </p>
</div>
<div class="w3-text-green w3-sand">
<h1> NIELIT </h1>
<p> National Institute of Electronics & Information Technology </p>
</div>
</body>
</html>
```

Output:

➕ **w3-hover-color** **[To set background color when mouse is moved over element.]**

Code
```
<html>
<head>
<title> W3CSS </title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
</head>
<body>
<div class="w3-teal w3-hover-lime">
<h1> NIELIT </h1>
<p> National Institute of Electronics & Information Technology </p>
</div>
<div class="w3-pink w3-hover-aqua">
<h1> NIELIT </h1>
<p> National Institute of Electronics & Information Technology </p>
</div>
</body>
</html>
```

Output:

Background color will be changed when mouse is moved over div element.

✚ **w3-hover-text-color** [**To set text color when mouse is moved over element.**]

Code

```
<html>
        <head>
        <title> W3CSS </title>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
        </head>
<body>
<div class="w3-text-teal w3-hover-text-lime">
<h1> NIELIT </h1>
<p> National Institute of Electronics & Information Technology </p>
</div>
<div class="w3-text-pink w3-hover-text-aqua">
<h1> NIELIT </h1>
<p> National Institute of Electronics & Information Technology </p>
</div>
</body>
</html>
```
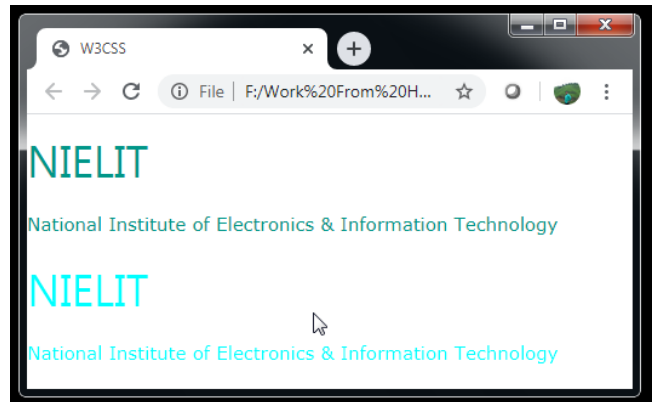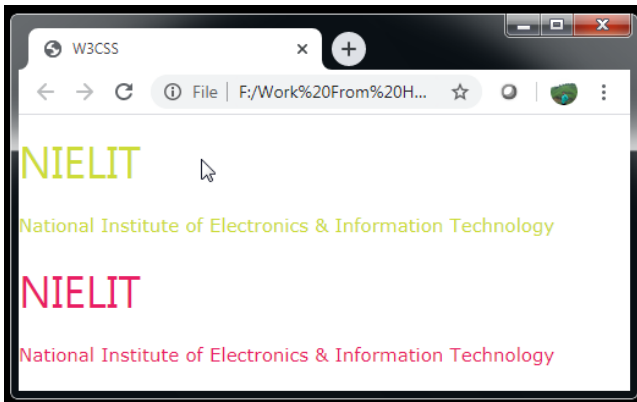
Output:

Text color will be changed when mouse is moved over div element.

Exercise:

1. Create a web page that uses the W3.CSS colors classes.