

Course Name: **O Level (1stSem)**
Topic: **CSS – Introduction (Part1)**

Subject **Web Designing & Publishing (WDP)**
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CSS – Cascading Style Sheet

CSS

CSS stands for **Cascading Style Sheets**. It is used to describe the look and formatting of a document written in mark-up language. It provides an additional feature and powerful control over HTML. It changes the style of web pages and user interfaces.

CSS makes the website **more stylish, attractive** and **responsive**.

CSS was first proposed by *Hakon Wium Lie* on October 10, 1994. Its first version CSS1 was released in 1996 by World Wide Web Consortium (W3C). *Bert Bos* is regarded a co-creator of CSS because CSS1 was influenced by him.

Version of CSS

- **CSS1** - published on December 17, 1996.
- **CSS2** - published on May 1998.
- **CSS3** - published on June 1999.

Syntax

A CSS rule set contains a selector and a declaration block.

```
Selector  
{  
property1 = value;  
property2 = value;  
property3 = value;  
.  
.  
}
```

} Declaration Block

Important!

Selector is used to select the HTML elements where the CSS property will be applicable.

Example 1	Example 2
<pre>h1 { background-color: lightgreen; color: green; }</pre>	<pre>p { background-color: lightblue; color: blue; }</pre>

In example1, selector is h1 element/tag. CSS properties will be applicable for h1 tag. It will set the background color as lightgreen and the color of text as green.

In example2, selector is p element/tag. CSS properties will be applicable for p tag. It will set the background color as lightblue and the color of text as blue.

HTML code explaining above two examples

```
<html>
<head><title> CSS </title>
<style>
  p
  {
  background-color: lightblue;
  color: blue;
  }
  h1
  {
  background-color: lightgreen;
  color: green;
  }
</style>
</head>
<body>
<h1> About NIELIT Gorakhpur </h1>
```

Note: Don't forget to write CSS code in head section of the HTML within <style> </style> tag.

<p> NIELIT, Gorakhpur Centre (Formerly DOEACC Society, Gorakhpur Centre) was established as Centre for Electronics Design & Technology of India (CEDTI) in June, 1989. It is an Autonomous

Scientific Society under the administrative control of Ministry of Communications and Information Technology, Govt. of India. It caters to the training, Consultancy, Design and Product Development needs of small scale IT Industries and allied sectors. It also conducts training programmes for promotion of Entrepreneurs. </p>

<p> The centre has a total covered area of 3450 sq. mtrs and hostel building for 70 students. It is now under the Administrative control of NIELIT , Govt. of India as per the decision of the government (DeitY) office Memorandum No. 15 (45)/2002 Gov. dated 29 Nov. 2002. </p>

</body>

</html>

Output of above code



Exercise:

1. Create a webpage that has 3 paragraphs and each paragraph should be in different background and text color.

