Cascading Style Sheet

Presented by

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Cascading StyleSheets (CSS)

- CSS was created by World Wide Web Consortium (W3C) in order to *separate out formatting from content creation.*

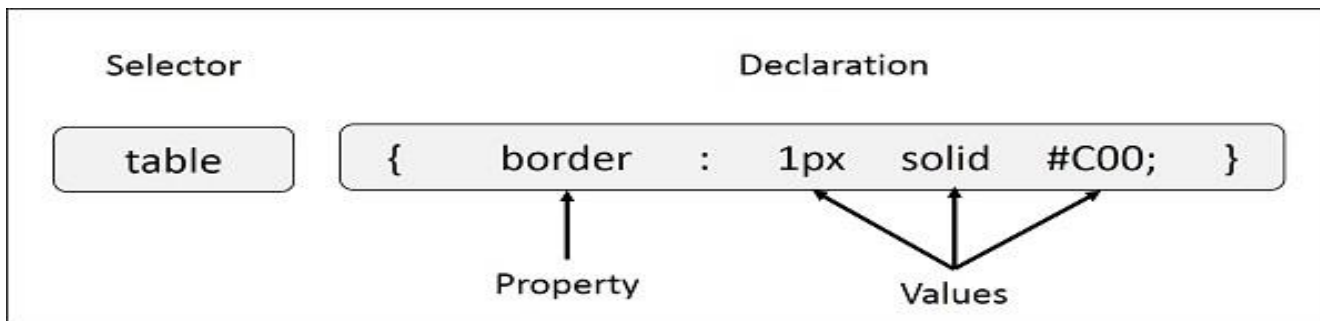CSS invented by

Hakon Wium Lie

CSS - Syntax

Advantages

- Pages load faster
- Easy to maintain
- Reusability in different web pages
- To attain common look and feel across pages

Syntax

Selector	Declaration
table	{ border : 1px solid #C00; }

Property → border

Values → 1px solid #C00;

CSS types

1. Inline : An inline style sheet may be used if one single element has to be formatted.

Ex:

```
<html>
<head>
<body>
<h1>How to add CSS</h1>
<p style="font-size:20px; color:red">This is paragraph</p>

</body>
</html>
```

Inline CSS for <p> tag

Here we apply CSS on that line where html element (<p>) are use so this type of css is called Inline css

** Example

CSS

2. Internal : An internal style sheet may be used if one single page has a unique style

Ex:

```
<style type="text/css">
body,td,th {
    font-family: Verdana, Geneva, sans-serif;
    font-size: medium;
    color: #000;
}
body {
    background-color: #FFF;
    margin-left: 10px;
    margin-top: 10px;
    margin-right: 10px;
    margin-bottom: 10px;
}
</style>
```

** Example

CSS

CSS types …

3. **External :** An external style sheet has only selectors, property and value of elements

mystyle.css

```
<style>
p
{
margin-left: 20px;
color: yellow;
}
body
{
background-color: #000000;
}
</style>
```

Here we first create two files one for css which is mystyle.css and another for html homepage.html

homepage.html

```
<html>
<head>
<link rel="stylesheet" type="text/css" href="mystyle.css">
</head>
<body>
<h1>How to add css<h1/>
<p>This is my first code</p>
</body>
</html>
```

add css page on html page

** Example

CSS

CSS Classes

```
<html>
    <head>
        <style>

            .classA{ background-color:
                       blue;color:yellow;
                     font-size: 14px; }


            .classB{ background-color: yellow;
                         color:blue;
                         font-size: 14px; }
        </style>
    </head>
<body>
    <center>
        <h1 class = "classA"> Using Classes </h1>
    </center>
    <p> This paragraph does not use the class
    attribute</p>
    <p class="classB"> This paragraph uses class B</p>
    <p class="classA">This paragraph uses class A</p>

</body>
</html>
```


CSS