

Full stack web development using python

CSS introduction



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Agenda

- ① What is CSS?
- ② CSS Rules
- ③ Comments
- ④ Selector
- ⑤ Property declarations
- ⑥ Where to write CSS?

What is CSS ?

- CSS is Cascading Style Sheet
- CSS defines how to display HTML elements
- The world wide web Consortium created CSS
- Although, we are currently using CSS 3, but everything is now CSS without version number.

CSS

CSS is used to style and layout web pages for example , to alter the font , color , size and spacing of your content , add animations and other decorative features

CSS rule

A CSS rule has two main parts,
a selector, and
one or more declarations

The selector is normally the HTML
element you want to style.

The property declaration consist of
property name and its corresponding
value.

Example

P ← selector
{
 Property name
 color : red ; ← property value
 text-align : center ;
}
}

Comments

P
{

```
color: red; /* this sets text color */  
text-align: center;
```

}

Selectors

- ① through tag name
- ② through id
- ③ through class

```
<P> -- </P>  
  
<P> -- </P>  
  
<P> -- </P>
```

```
P {  
    color : blue;  
}  
  
#P1  
{  
    color : green;  
}
```

```
<P id = "P1">  
=   
</P>
```

`<h1 class="r1">...</h1>`

`<p class="r1">...</p>`

`...`

`<p class="r1">...</p>`

.r1
{
color: red;
}

Where to write CSS ?

There are three ways of inserting a style sheet :

- External Style Sheet
- Internal Style Sheet
- Inline Style.

External Style Sheet

- An external style sheet is ideal when the style is applied to many pages
 - With an external style sheet , you can change the look of an entire website by changing one file

<link> tag goes inside the head tag

Example

<head>

<link rel="stylesheet" href="url">

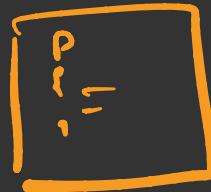
</head>

Your stylesheet should be saved with a
.css extension.

.html .html .html .html



style.css



Internal Stylesheet

- An internal stylesheet should be used when a single document has a unique style
- You define internal styles in the head section of an HTML page by using the `<style>` tag

Example

```
<style>
```

```
  p
```

```
  {
```

```
    color : red;
```

```
    text-align: center;
```

```
  }
```

```
</style>
```

Inline Style

To use inline styles you use the style attribute in the relevant tag.

The style attribute can contain any CSS property.

Example

```
<P style="color:red; text-align:center;">
```



```
<IP>
```