

Web Development



Cascade Styling Sheet (CSS-1)

By

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Reference Books:

1. www.w3school.com
2. *HTML dog* by Partick Griffiths.
3. *Professional CSS Cascad Style Sheet for Web Design*, by Christopher Schmitt.
4. *Javascript, Sixth Edition*, by Danny Goodman.
5. *PHP6, Apache,MySql Web Development*, by Timothy Boronczyk.



Cascade Styling Sheet (CSS)



CSS consists of:

1- Selector.

2-Declaration.

Example:

Selector

Declaration

Declaration

h1

```
{ color:blue; font-size:12px; }
```

Property

Value

Property

Value



Cascade Styling Sheet (CSS)

CSS can be embedded into HTML Web Page by 3 methods:

- 1- Internal Embedding.
- 2- External Embedding.
- 3- Inline Embedding.

1- Internal Embedding.

1- Internal CSS: CSS code will be before <body> tag. Surrounding by <style> tag as:

```
<html>
<head> </head>
<style type="text/CSS">
{ Property: Value; }
</style>
<body> </body>
</html>
```

Selectors are used to select HTML by **id**, **class**, **specific class**, **group of selectors**.

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2- External Embedding.

1-In the external CSS, create any file name with extension.css, Example: file.css .

2- Then, link this file.css inside the HTML page by using <link> tag.

3- <link> tag lies inside the head tag of HTML page .

Example:

```
<head>
```

```
<link rel="stylesheet" type="text/css" href="file.css">
```

```
</head>
```

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```
<head>
```

```
<link rel="stylesheet" type="text/css" href="file.css">
```

```
</head>
```

- 4- The external CSS file is written by using any text editor.
- 5- The file should not have any HTML tag.
- 6- The css file must be saved with file.css extension.

Example: file.css

```
Body { background-color: lightblue}
```

```
P { color: yellow; font-family: "Arial" ; text-align:center}
```

```
h1{ color:navy ; margin-left: 20px}
```

Note: External CSS embedding is used when there is a huge number of HTML pages with the same Style. So , we only link the .css file to all these HTML pages.

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3- Inline Embedding.

1- Inline CSS: CSS code will be written inside <body> tag or inside any required tag as:

```
<html>
```

```
<head> <title> CSS inline </title> </head>
```

```
<body style="background-color:black; color:red ; font-size:30px;  
text-align:center">
```

```
<p style=" color: red ; bgcolor="blue" "> Inline CSS example
```

```
</p>
```

```
</body>
```

```
</html>
```

Cascade Styling Sheet (CSS)



HTML Font description.

Property	CSS code Examples	
Font-family	Font-family: Times New Roman; Font-family: Times ;	Font-family-Arial; Font-family-verdana; Sans-serif
Font-size	Font-size:10pt; Font-size:14pt ; or any suitable point number	
Font-style	Font-syle:italic; Font-style:oblique;	
Font-weight	Font-weight:bold; Font-weight:100; or untill 900.	

Cascade Styling Sheet (CSS)



HTML Background description.

Property	CSS code Examples	
Background-color	Background-color:lightblue; Background-color:#ff00ff;	Background-color:red; Background-color:rgb(0,0,0);
Background-image	Background-image: url("imagepath.jpg");	
Background-attachment	Background-attachment:scroll; image is movable. Background-attachment:fixed; image is not movable.	
Background-position	Background-position:center; Background-position:left; or right. Background-position:top; or bottom.	
Background-repeat	Background-repeat:repeat; Background-repeat:no-repeat; Background-repeat:repeat-x; Background-repeat:repeat-y;	



(CSS-1) Question

- 1) Write the Basic syntax of CSS.
- 2) How many methods does CSS have to be included in HTML Web page?. Mention them, and give example as code for each one.
- 3) Where is the best situation of using External CSS?.
- 4) Font-size css code is used for _____.
- 5) How to change the following in Web page design:
 - 1- Writing type.
 - 2- background color.
 - 3- background image.
- 6) What is the action of this CSS code?:

```
{Background-image: url("imagepath.jpg"); Background-repeat:repeat;}
```