

Div : division or container tag. Div tag can hold more than one tags as well as contents.

CSS : Cascading Style Sheet :

1. Without CSS if we want to apply any formatting style we need to depends upon lot of other tags.Or there are no tags are available to apply that formatting style.
2. Without CSS actual contents and formatting style combine in one page.

CSS provide lot of formatting style in the form of key-value pairs which help apply lot of formatting style.

Using **CSS** we can make separate actual contents and formatting style ie **separation of concern**. Or **loosely coupling**.

CSS mainly divided into 3 types.

1. Inline CSS
2. Internal or embedded CSS
3. External CSS

Inline CSS syntax

`<tagName style="property:value;property:value;">` `</tagName>`

ie p, div, h1 to h6, b, l, body etc

`<p style="color:red;font-weight:bold;">Welcome to inline CSS </p>`

`<p>`

``

`Welcome to without CSS`

``

`</p>`

Internal or embedded CSS

In between head tag we need to use style tag.

<style>

```
selector {property:value;property:value;property:value}
```

```
* {color:red}
```

</style>

Types of selectors

1. Universal selector : *****

```
*{color:red;}
```

Comments : comments is use to ignore the code.

<!-- --> html comments

/* */ CSS comments

2. Specific selector : tagName ie h1 to h6, p, div

```
p{color:red}  
h1{color:green}  
div{color:red}
```
3. More than one specific selector ie

```
p,div {color:red}
```
4. Class selector
 - a. Local class selector : tagName.className{property:value}

```
p.abc{color:red}
```
 - b. Global class selector : .className{property:value}

```
.mno{color:blue}
```
5. Id selector : #idName{property:value}
6. Child selector : parentTagName childTagName {property:value}

```
div p{color: red;}
```

class selector Vs Id Selector

class : group of the tags which have same name or different name.

id : id is to make the tag unique.

For all tags we can use style, class as well as id attribute.

```
<p class="abc" id="p1">First P Tag</p>
```

```
<p class="abc" id="p2">Second P Tag</p>
```

```
<div class="abc" id="p3">First Div Tag</p>
```

```
<p class="mno" id="p4">Third P Tag</p>
```

```
<i class="abc" id="p5">This is I tag</i>
```

External CSS

filename.css

styles.css

inside that file we need write more than one css rules with
all type of selector.