**Cascading Style Sheet(CSS)**

**We have three types of CSS**

1.Inline

2.Internal

3.External

* CSS stands for Cascading Style Sheet
* It is a language used to give styling and design to websites
* It is the standard for styling websites, used by most websites across the globe
* It usually goes hand-in-hand with HTML, while CSS3 brings lot of new features to the table.
* There re many reasons to use CSS, such as Styling,Layout & Design, Animations,Font Changes,Organization,Grid Systems

**Colors in CSS**

In CSS, we can specify the color names in four ways

**1.colorName** - green,blue,orange,etc..

**2.Hexa Decimal** - #RGB

**3.RGB Function** - rgb(Red,Green,Blue)

Ex:

Each color ranges from 0 to 255)

rgb(120,145,180)

**4.RGB Function with Alpha** - rgb(Red,Green,Blue,Alpha)

Ex:

Alpha value ranges from 0.0 - 1.0

Alpha means - Transparency/Opacity

0.0 - Complete Transparency

1.0 - Completely No Transparency

**5.HSL Function** - hsl(hue,saturation,lightening)

Ex:

Each color ranges from 0 to 255)

rgb(120,145,180)

**6.HSL Function with Alpha** - hsl(hue,saturation,lightening,alpha)

Ex:

hue - color(0-360)

Saturation - gray shade(0% to 100%)

Lightening - light to dark(0% to 100%)

Alpha value ranges from 0.0 - 1.0

Alpha means - Transparency/Opacity

0.0 - Complete Transparency

1.0 - Non Transparency

**Selectors**

1.Tag Selector

2.ID selector

3.Class Selector

4.Universal Selector

5.Grouping Selector