**Required basic languages or platforms for website design?**

* HTML
* CSS
* JS
* PHP

**Usage of above** **platforms for website design**

* HTML – HyperText Markup Language for Base template
* CSS – Cascading Style Sheet for Styling
* JS – JavaScript for Functionality
* PHP – Personal Home Page for Server-side scripting

**File extension of HTML, Css, Php, Js**

* HTML – .htlm / .htm
* CSS – .css(not case sensitive)
* JS – .js(not case sensitive)
* PHP – .php(not case sensitive)

Note: all extension are not case sensitive but ideal method is using lower case

**Structure of html ?**

<html>

<head>

Place processing information and metadata here

</head>

<body>

Place displaying content here

</body>

</html>

**What is tag in html ?**

HTML tags are used to define how your web browser format and display the content.

Tags have two parts, opening tag and closing tag but in some case closing tag is not needed (for ex.: <img> closing tag is not required). <html> is a opening tag and </html> is a closing tag (the closing tag has the same text as in opening tag but starting with a ‘/’ slash character).

**Structure of css**

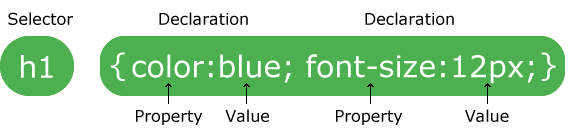
p {  
  color: red;  
  text-align: center;  
}

where p is called paragraph tag.

under curly braces all group are called property set.

color,text-align are called Property name.

and red, center are called property value.



**Basic Selector in css**

 id Selector – id stating with # (hash) character

 class Selector – class stating with . (dot) character

attribute Selector – attribute starting without any character it is a html tag

**eg**

#p {  
  color: red;  
  text-align: center;  
}

**.**p {  
  color: blue;  
  text-align: right;  
}

p {  
  color: green;  
  text-align: left;

}

**How many method to use css? Name Them ?**

**Name the method:**

* **External Style Sheet**
* **Internal Style Sheet**
* **Inline Style Sheet**

Example of that method

Inline Stylesheet And Internal Stylesheet

<html>

<head>

<title> Stylesheets </title>

<style type=”text/css”>

h4 { color:red; font-size: 60px;background-color:yellow; }<!—This is example of internal style sheet-->

</style>

</head>

<body>

<h4> This is the heading tag </h4>

<p style=”color:red; font-size: 60px; text-align: center;"> This is the paragraph. Style tag is used to style the html. Here color of the text will be red, font size is 60px and text is aligned at center. </p> <!—This is example of inline style sheet-->

</body>

</html>

**Here write css**

**Name the second method?**

**External Stylesheet………………..**

Example of that Method…..

<html>

<head>

<title>HTMl is structure only(before)</title>

<link rel=”stylesheet: type=”text/css” href=”mystyle.css”>

<body>

<p>This is the starting of HTMl</p>

<p>reguraly practice yourself. to get better results. apply extra efforts.</p>

</body>

</html>

mystyle.css <!—Css file🡪

p{

background-color:red;

margin-left:20px;

}

**How can integrate CSS file to webpage?**

We can integrate css file to webpage using following methods:

1. Using link tags.(That is external stylesheet.)
2. Using style tags.(That may be inline stylesheet or internal style sheet.)
3. Alter elements through javascript.