CSS : cascading style sheet :

CSS provided lot of property in the form of key-value pairs which help to apply formatting style for web page.

Using CSS we can achieve separation of concern. Actual content separate and formatting style separate.

Types of CSS

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

Inline CSS :

Syntax

<tagName style="name1:value1;name2:value;"></tagName>

<p>Welcome to HTML Web Page</p>

<p style="color:red;">Welcome to HTML Web Page</p>

Internal CSS or embedded CSS

Syntax

This tag must be part of head tag.

<style type="text/css">

     Selector {property:value;}

</style>

Type of selectors

1. Universal selector : all tags part of body tags.

*{property:value;}

*{color:red;}

2. Specific tag selector : tag name like p1, h1 to h6, div, span etc.
   p{color:green;}
   h1{color:blue;}
   div{color:orange;}

   class : group of tags with same name or different name.
   id : it is a type of selector which help to identity unique ness between two tag when two tag have same name or different name.

   <p class="firstClass" id="p1">This is first p tag</p>
   <p class="secondClass" id="p2">This is second p tag</p>
   <p class="firstClass" id="p3">This is third p tag</p>
   <p class="secondClass" id="p4">This is fourth p tag</p>
   <h1 class="firstClass" id="p5">This is h1 tag</h1>
   <h2 class="secondClass" id="p6">This is h2 tag</h2>

3. Class selector
    a. Global class selector
        .className{property:value}

        .globalClass{color:red;}

    b. Local class selector
        TagName.className{property:value;}

        p.localP1Class{color:green;}

        p.localP2Class{color:blue;}

4. Id selector
    #idName{property:value;}

5. Child selector
    parentTagName childTagName{property:value;}

if we need CSS rules for more than one web page then we can use external CSS file. Using External CSS file we can create global CSS rules. Using external CSS we can achieve separation of concern.

We need to create the file with any name

==filename.css==

==styles.css==   inside this file we need to write the rules without style tag.

In every web page we need to use link tag to connect external css file

This tag must be in between head tag.

<link rel="stylesheet" href="styles.css">

Text related property

```
p{
        color: tomato;

        text-align: justify;

        text-indent: 20px;

        word-spacing: 4px;

        letter-spacing: 2px;

        line-height: 25px;

        font-style: italic;

        font-variant: small-caps;
    }
    a{
        text-decoration: none;

        font-weight: bold;

    }
```

Background related property