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Inline, Internal, and External Stylesheets

Types of CSS

There are three types of CSS which are given below:

- Inline CSS
- Internal or Embedded CSS
- External CSS

Inline CSS

Inline CSS contains the CSS property in the body section attached with element is known as inline CSS. This kind of style is specified within an **HTML tag using style attribute**.

Example:

```
<!DOCTYPE html>
<html>
<head>
  <title>Inline CSS</title>
</head>
<body>
  <p style = "color:#009900;
    font-size:50px;
    font-style:italic;
    text-align:center;">
    Hello World
  </p>
</body>
</html>
```

Internal or Embedded CSS

This can be used when a single HTML document must be styled **uniquely**. The CSS rule set should be within the HTML file in the *head section* i.e the CSS is embedded within the HTML file.

Example:

```
<!DOCTYPE html>
<html>
<head>
  <title>Internal CSS</title>
  <style>
    .main {
      text-align:center;
    }
    .hi{
      color:#009900;
      font-size:50px;
      font-weight:bold;
    }
    .greeting {
      font-style:bold;
      font-size:20px;
    }
  </style>
</head>
<body>
  <div class = "main">
    <div class ="hi"> Hi, Everyone!!</div>
    <div class ="greeting">
      Hello World!!
    </div>
```

```
</div>
</body>
</html>
```

External CSS

External CSS contains separate CSS file which contains only style property with the help of tag attributes (For example class, id, heading, ... etc). CSS property written in a separate file with .css extension and should be linked to the HTML document using **link** tag. This means that for each element, style can be set only once and that will be applied across web pages.

Example: The file given below contains CSS property. This file should be saved with an .css extension. For Ex: **style.css**

```
body {
  background-color: powderblue;
}
.main {
  text-align: center;
}
.hi {
  color: #009900;
  font-size: 50px;
  font-weight: bold;
}
#greeting {
  font-style: bold;
  font-size: 20px;
}
```

Below, we have HTML file that makes use of the above created external style sheet (style.css). This can be achieved by using `<link>` tag. The `<link>` element has `rel` and `href` attributes. The `rel` specifies the relationship between the current document and the linked document. In this case, `rel` attribute value will be `stylesheet` because we going to add the external style sheet to the HTML document. The `href` attribute is used to specify the location of the external style sheet file.

```
<html>
  <head>
    <link rel="stylesheet" href="style.css"/>
  </head>
  <body>
    <div class = "main">
      <div class ="hi"> Hi, Everyone !</div>
      <div id = "greeting ">
        Hello world !!
      </div>
    </div>
  </body>
</html>
```

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