



**SNS COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE
AND TECHNOLOGY
19CT503- INTERNET PROGRAMMING**

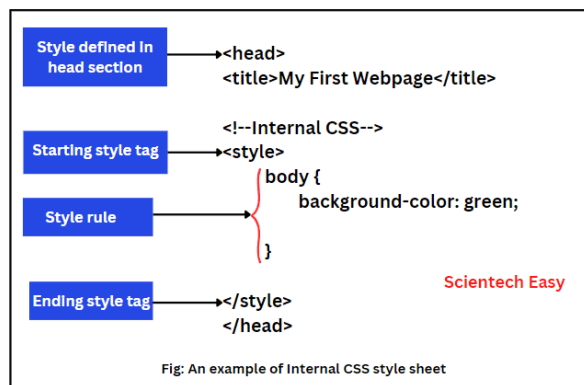


Unit ii – CSS

Types of CSS

An **external stylesheet** is a standalone .css file that is linked from a web page. The advantage of external stylesheets is that it can be created once and the rules applied to multiple web pages.

An **internal stylesheet** holds CSS rules for the page in the **head** section of the HTML file. The rules only apply to that page, but you can configure CSS classes and IDs that can be used to style multiple elements in the page code.



```
<!DOCTYPE html>
<html>
<head>
<style>
  body {
    background-color: lightgrey;
  }
  h1 {
    color: green;
    text-align: center;
  }
</style>
</head>
<body>
  <h1>This is a heading.</h1>
</body>
</html>
```

Inline styles relate to a specific HTML tag, using a **style** attribute with a CSS rule to style a specific page element.

```
<!DOCTYPE html>
```

```
<html>
<head>
  <title>Inline CSS Example</title>
</head>
<body>
  <h1 style="color: red; text-align: center;">This is a Heading</h1>
  <p style="font-size: 18px; color: green;">This is an inline-styled paragraph.</p>
</body>
</html>
```

Using external CSS stylesheets

An HTML page styled by an external CSS stylesheet must reference the .css file in the document head. Once created, the CSS file must be uploaded to your server and linked in the HTML file with code such as:

```
<link href="style.css" rel="stylesheet" type="text/css">
```

```
/* styles.css */
body {
  background-color: lightgrey;
}
h1 {
  color: darkblue;
  text-align: center;
}
p {
  font-size: 18px;
  color: black;
}
```

HTML Document (index.html):

```
<!DOCTYPE html>
<html>
<head>
  <title>External CSS Style Sheet Example</title>

  <!--Linking external style sheet-->
  <link rel="stylesheet" type="text/css" href="styles.css" media="screen">
</head>
<body>
  <h1>This is a heading styled with an external style sheet.</h1>
  <p>This is a paragraph styled with an external style sheet.</p>
</body>
</html>
```