

## Introduction of css

CSS stands for Cascading Style Sheets. It is a language used to describe the presentation or styling of an HTML document. CSS is used to control the layout, colors, fonts, and other visual elements of a web page, making it more visually appealing and easier to read. CSS works by selecting HTML elements and applying styling rules to them, which can be defined in a separate CSS file or included inline in the HTML document. With CSS, web designers can create consistent, flexible, and responsive web layouts that can be used across multiple pages and devices.

Syntax :- selector {  
    Property : value;  
}

```
h1 {  
    color: red;  
}
```

## Types of CSS:InlineInternal External

### Inline css:-

Inline CSS is a way of applying CSS styling rules to individual HTML elements by adding the style attribute directly to the element. For example, you can change the color of a paragraph by adding the "style" attribute with the "color" property to the <p> tag like this:

```
<p style="color: red;">This is a red paragraph.</p>
```

Inline CSS is useful when you want to apply styles to only one specific element, instead of creating a separate CSS file for a single rule. However, it can be cumbersome to use when you want to apply the same style to many elements, as you would need to add the style attribute to each element individually. For larger projects, it's generally recommended to use external CSS files or internal CSS stylesheets instead.

### Exercise - 01

```
<!DOCTYPE html>  
<html>  
<head>  
    <title>Inline CSS Example</title>  
</head>  
<body>  
    <h1 style="color: red; text-align: center;">This is a heading with inline CSS</h1>  
    <p style="font-size: 18px; font-weight: bold;">This is a paragraph with inline CSS</p>  
</body>  
</html>
```

Internal css:-

Internal CSS is a method of styling HTML documents where the CSS code is embedded within the HTML file itself, rather than being in a separate file. This is useful for small projects or quick updates, as it allows for easy and convenient editing of the styling without needing to access a separate file.

The syntax for internal CSS is as follows:

```
<!DOCTYPE html>
<html>
<head>
  <style>
    /* CSS code goes here */
  </style>
</head>
<body>
  <!-- HTML code goes here -->
</body>
</html>
```

Exercise - 02

```
<!DOCTYPE html>
<html>
<head>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f2f2f2;
    }

    h1 {
      color: #008080;
      font-size: 36px;
      text-align: center;
    }
  </style>
</head>
<body>
  <h1>Welcome to my website</h1>
  <p>This is some text on my website.</p>
</body>
</html>
```

Exercise - 03

```
<!DOCTYPE html>
```

```
<html>
<head>
  <title>News Paper</title>
  <style>
    header {
      background-color: #333;
      color: #fff;
      padding: 10px;
      text-align: center;
    }

    nav {
      background-color: #f2f2f2;
      padding: 10px;
      text-align: center;
    }

    nav ul {
      list-style-type: none;
      margin: 0;
      padding: 0;
      display: flex;
      justify-content: space-between;
    }

    nav ul li {
      display: inline-block;
      margin-right: 20px;
    }

    article {
      padding: 10px;
      margin-bottom: 20px;
      border: 1px solid #ccc;
    }

    h1 {
      font-size: 24px;
      margin-top: 0;
    }

    img {
      max-width: 100%;
      height: auto;
      margin-bottom: 10px;
    }
```

```

p {
    margin-top: 0;
    line-height: 1.5;
}

footer {
    background-color: #333;
    color: #fff;
    padding: 10px;
    text-align: center;
}
</style>
</head>
<body>
    <header>
        <h1>My News Paper</h1>
    </header>
    <nav>
        <ul>
            <li><a href="#">Home</a></li>
            <li><a href="#">News</a></li>
            <li><a href="#">Sports</a></li>
            <li><a href="#">Entertainment</a></li>
            <li><a href="#">Business</a></li>
        </ul>
    </nav>
    <article>
        <h1>Breaking News</h1>
        
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer sit amet nisl nec mauris
sodales tincidunt. Nulla facilisi. Integer molestie orci et nisi interdum, id congue dolor ultricies.
Sed vel ligula at felis venenatis vestibulum. In vel fringilla eros. Sed eget lacinia lectus.</p>
    </article>
    <article>
        <h1>Latest News</h1>
        
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer sit amet nisl nec mauris
sodales tincidunt. Nulla facilisi. Integer molestie orci et nisi interdum, id congue dolor ultricies.
Sed vel ligula at felis venenatis vestibulum. In vel fringilla eros. Sed eget lacinia lectus.</p>
    </article>
    <footer>
        <p>&copy; 2023 My News Paper</p>
    </footer>
</body>
</html>

```