

There are three ways to apply a stylesheet to an HTML document:

1. Inline styles are added to the HTML element itself using the `style` attribute.
2. Internal styles are added to the `<style>` element in the `<head>` section of the HTML document.
3. External styles are added to an external CSS file and linked to the HTML document using the `<link>` element in the `<head>` section.

Inline styles are the simplest way to apply styles to an HTML document, but they can be difficult to maintain if you need to apply the same style to multiple elements.

Internal styles are a more maintainable way to apply styles to an HTML document, but they can be difficult to organize if you have a lot of styles.

External styles are the most maintainable way to apply styles to an HTML document, and they are also the most efficient way to load styles, as the browser only needs to download the CSS file once.

Here is an example of how to apply an inline style to an HTML element:

Code snippet

```
<h1 style="color: red;">This is a heading</h1>
```

Here is an example of how to apply an internal style to an HTML document:

Code snippet

```
<head>
  <style>
    h1 {
      color: red;
    }
  </style>
</head>

<body>
  <h1>This is a heading</h1>
</body>
```

Here is an example of how to apply an external style to an HTML document:

Code snippet

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

<body>
  <h1>This is a heading</h1>
</body>
```

The `style.css` file would contain the following CSS:

Code snippet

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

I hope this helps! Let me know if you have any other questions.