

## 1. What is CSS?

CSS stands for Cascading Style Sheet. It defines how html elements look, including color, position, size, etc.

## 2. CSS Syntax

```
selector { property: value; }
```

For example, when we want to define the text color, we can say in our body section (the <body> tag in html) that we want the text color to be black:

```
body { color: #000000; }
```

We can give a selector more than one property, and each property has a value. For example, in addition to text color, I want my webpage to have a background color:

```
body { color: #000000;  
      background-color: #ffffff; }
```

We can also define multiple selectors at a time. For example, all the h tags:

```
h1, h2, h3, h4, h5, h6 {  
  color: #ff0000;  
  background-color: #ffffff; }
```

### 3. Defining an ID

In addition to defining html tags, we can also define an ID. Let's say we have a paragraph, and the ID of the paragraph is "post." The html would look something like this:

```
<p id="post"> text here text here text here text  
here text here text here text here text here text  
here text here text here text here text here text  
here text here text here text here text here text  
here text here text here </p>
```

To define the style of an ID, we use a pound sign and the ID in the CSS selector:

```
#post { color: #0000ff;  
        font-size: 16px; }
```

### 4. Defining a Class

In addition to an ID, we can give html tags a class. The difference between an ID and a class is that an ID is unique. A class can be used many times. Let's say we have a paragraph with the class "left."

```
<p class="left"> text here text here text here text  
here text here text here text here text here text  
here text here text here text here text here text  
here text here text here text here text here text  
here text here text here </p>
```

To define the style of a class, we use a dot and the name of the class in the CSS selector:

```
.left { color: #cccccc;  
        font-size: 16px; }
```

To attach a stylesheet, enter the following code to your <head>: <link rel="stylesheet" type="text/css" href="style.css">