CSS

"Cascading Style Sheets"

Comments:

```
/* CSS comments (ignored by browser) */

<!-- HTML comment (ignored by browser) -->
```

CSS Rules

CSS rules determine the appearance, the "style" of what is rendered in the browser window.

They have five parts:

        - selector

        - declaration block

        - declaration

        - property

        - value

The selector "selects" the elements on an HTML page that are affected by the rule.

```
/* CSS rule */
p   {   }
```

selector (↑ pointing to `p`)

```
<!--  HTML markup   -->

<p>
This is a sentence.<br>
</p>
```

The declaration block is everything inside the curly braces.   "{   }"

```css
/* CSS rule */
p  {  }
```
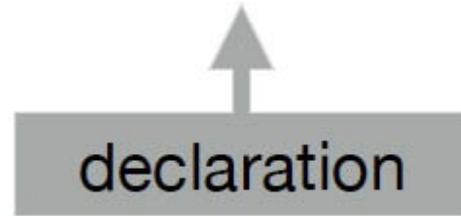
declaration block

```html
<!--  HTML markup   -->

<p>
This is a sentence.<br>
</p>
```

The declaration tells the browser how to render the selected element.

```
/* CSS rule */
p  { color: red; }
```
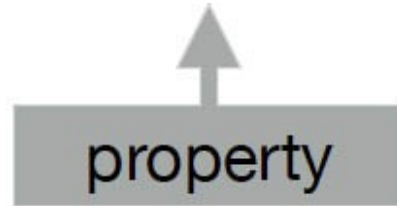
declaration

```
<!-- HTML markup -->

<p>
This is a sentence.<br>
</p>
```

The property names what aspect of the element is to be styled.
It is followed by a colon.

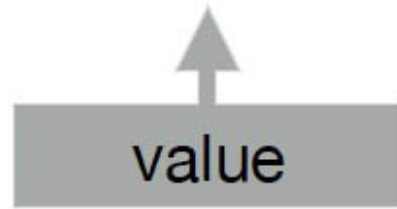-For example the color.

```
/* CSS rule */
p  { color: red; }
```

property

```
<!--  HTML markup   -->

<p>
This is a sentence.<br>
</p>
```

The value is the particular style you want
to assign to the property.
It ends with a semicolon.

```
/* CSS rule */
p  { color: red; }
```

value

```
<!--  HTML markup   -->

<p>
This is a sentence.<br>
</p>
```

The lots of properties that can be defined for the various selectors.

```
p { color: green; }

p { font-size: 32px; }

p { text-align: right; }

p { width: 900px; }

p { border: 1px; }

p { border-style: dashed; }
```

```
p { color: green; }
p { font-size: 32px; }
```

--The CSS rules can be listed on separate lines.

```
p {
  text-align: right;
  width: 900px;
  border: 1px;
  border-style: dashed;
}
```

--But usually they are listed in a block.

2 Kinds of Custom CSS Selectors:

- **id** (Unique, Used once on a page.)

- **class** (can be used multiple times on a page.)

2 Kinds of Custom CSS Selectors:

id

```
#TopOfPage {
  text-align: center;
  font-style: italic;
}
```

```
<div id="TopOfPage">
  Styled content
</div>
```

2 Kinds of Custom CSS Selectors:

class

```
.italicText {
  font-style: italic;
}
```

```
<p class="italicText">
  Styled content
</div>
```

2 places to have your CSS:

1. Embedded:

(Enclosed in the "style" tag within the HTML document):

```
<style>
.italicText {
    font-style: italic;
}
</style>
```

2. External:

(Referenced with a link in the HEAD):

```
<link rel="stylesheet" href="styles.css">
```