SELECTORS

CSS (Cascading Style Sheets) selectors are used to target and style HTML elements. They allow you to apply styles selectively based on different criteria. Here are some common CSS selectors:

1. Element Selector:

- Targets HTML elements directly.

- Example: `p { color: red; }` targets all `<p>` elements.

2. Class Selector:

- Targets elements with a specific class attribute.

- Example: `.myClass { font-size: 16px; }` targets elements with `class="myClass"`.

3. ID Selector: - Targets a specific element with a unique ID attribute.

- Example: `#myID { background-color: yellow; }` targets the element with `id="myID"`.

4. Descendant Selector:

- Targets an element that is a descendant of another specified element.

- Example: `ul li { list-style: square; }` targets all `<li>` elements inside a `<ul>`.

5. Child Selector:

- Targets a direct child of a specified element.

- Example: `div > p { margin: 10px; }` targets all `<p>` elements that are direct children of a `<div>`.

6. Attribute Selector:

- Targets elements based on their attributes.

- Example: `input[type="text"] { border: 1px solid #ccc; }` targets all text input elements.

7. Pseudo-class Selector:

- Targets elements based on their state or position.

- Example: `a:hover { color: blue; }` targets hyperlinks on hover.

8. Pseudo-element Selector:

- Targets a part of an element.

- Example: `p::first-line { font-weight: bold; }` targets the first line of each `<p>` element.

Now, let's provide the same information in code format:

```css
/* Element Selector */
p {
    color: red;
}

/* Class Selector */
.myClass {
    font-size: 16px;
}

/* ID Selector */
#myID {
    background-color: yellow;
}
```

```css
/* Descendant Selector */

ul li {

    list-style: square;

}


/* Child Selector */

div > p {

    margin: 10px;

}


/* Attribute Selector */

input[type="text"] {

    border: 1px solid #ccc;

}


/* Pseudo-class Selector */

a:hover {

    color: blue;

}
```

```
/* Pseudo-element Selector */

p::first-line {

    font-weight: bold;

}
```