

When you would select id selector, class selector and tag selector. Explain with example.

Feature	Tag Selectors	ID Selectors	Class Selectors
Definition	Select elements based on their tag name.	Select elements based on their unique ID attribute.	Select elements based on their class attribute.
Usage	Used to apply styles to all elements of a specific type.	Used to apply styles to a single, unique element.	Used to apply styles to multiple elements sharing the same class.
Example	Applying a style to all <p> tags.	Applying a style to an element with the ID #header.	Applying a style to all elements with the class .highlight.
CSS Syntax	p { color: red; }	#header { color: blue; }	.highlight { color: green; }
Specificity	Low	High	Medium
Reusability	Applies to all instances of a tag	Unique to a single element	Can be reused across multiple elements
Maintainability	Easy to manage for default styles	Easy to identify and manage single element styles	Easy to manage styles for multiple elements

Simple.html

```
<html lang="en">
```

```
<head>
```

```
<link href="c1.css" rel="stylesheet">
```

```
<style>
```

```
h1 {  
    color: darkblue;  
    font-size: 30px;  
}
```

```
.p1 {  
    color: aqua;  
    font-size: 20px;  
}
```

```
#p2 {
```

```

        color: aliceblue;

        font-size: 15px;
    }
</style>

<title>CSS Stylesheet</title>
</head>

<body>

    <h1>My First CSS Stylesheet</h1>

    <p>This is a paragraph styled using CSS.</p>

    <h2>My Second Heading</h2>

    <p>

        This is another paragraph styled using CSS.</p>

    <div class="c1.css">

        <p id="p1">This is a paragraph inside a div styled using CSS.</p>

        <p>para 1 inside div</p>

        <p style="color: darkviolet;">para 2 inside div</p>

        <p style="color: darkviolet;">para 3 inside div</p>

        <p id="p1">para 3 inside div</p>

    </div>

    

    <p>This is a paragraph styled using CSS.</p>

</body>

</html>

```

Simple.css

```

p {
    color: darkmagenta
}

h1 {
    color: darkturquoise;
}

```

