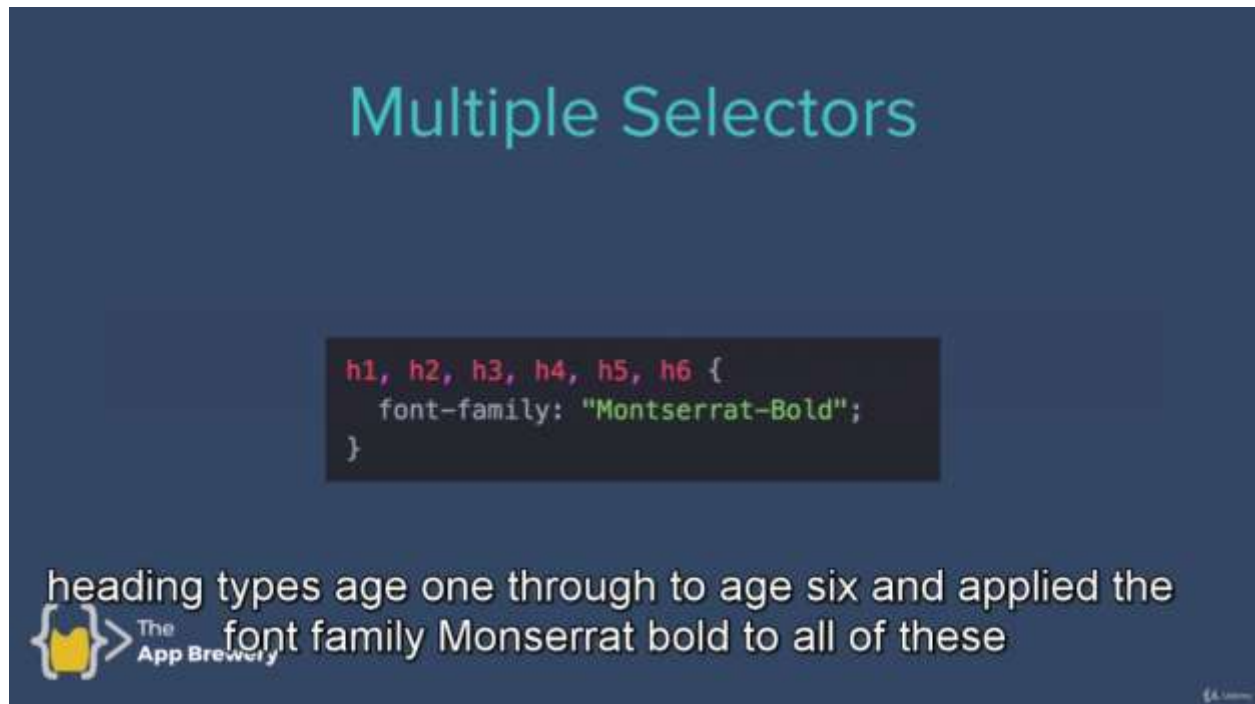


# Advanced CSS Combining Selectors

## Note:

When there is space between selectors then hierarchy is from **right to left** and when there is **no** space between selectors then the hierarchy is from **left to right**.



The slide has a dark blue background. At the top, the title "Multiple Selectors" is written in a light blue, sans-serif font. In the center, there is a dark rectangular box containing CSS code in a monospaced font: `h1, h2, h3, h4, h5, h6 {` on the first line, `font-family: "Montserrat-Bold";` on the second line, and `}` on the third line. Below this box, the text "heading types age one through to age six and applied the font family Monserrat bold to all of these" is written in a light grey, sans-serif font. In the bottom left corner, there is a logo for "The App Brewery" featuring a yellow cat head inside a white curly brace. In the bottom right corner, there is a small, faint logo for "A. Lemos".

```
h1, h2, h3, h4, h5, h6 {
  font-family: "Montserrat-Bold";
}
```

heading types age one through to age six and applied the font family Monserrat bold to all of these

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## Syntax:

```
Selector 1, selector 2,..... Selector n{
  properties;
}
```

```
<h1>I Love Bacon</h1>  
<p>bacon, bacon, bacon</p>
```

```
h1 {  
  colour: red;  
}  
p {  
  colour: red;  
}
```



```
<h1>I Love Bacon</h1>  
<p>bacon, bacon, bacon</p>
```

```
h1, p {  
  colour: red;  
}
```



# Hierarchical Selectors

```
• #title .container-fluid {  
  padding-top: 3%;  
  text-align: left;  
}
```



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## Syntax:

<id><space><class>{

}

Space in this case is necessary.

# Hierarchical Selectors

```
selector1 selector2 {  
  
}
```



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We will read from right to left. For example h1 text color of div will be red as given below.



Title of container-fluid class will be red.

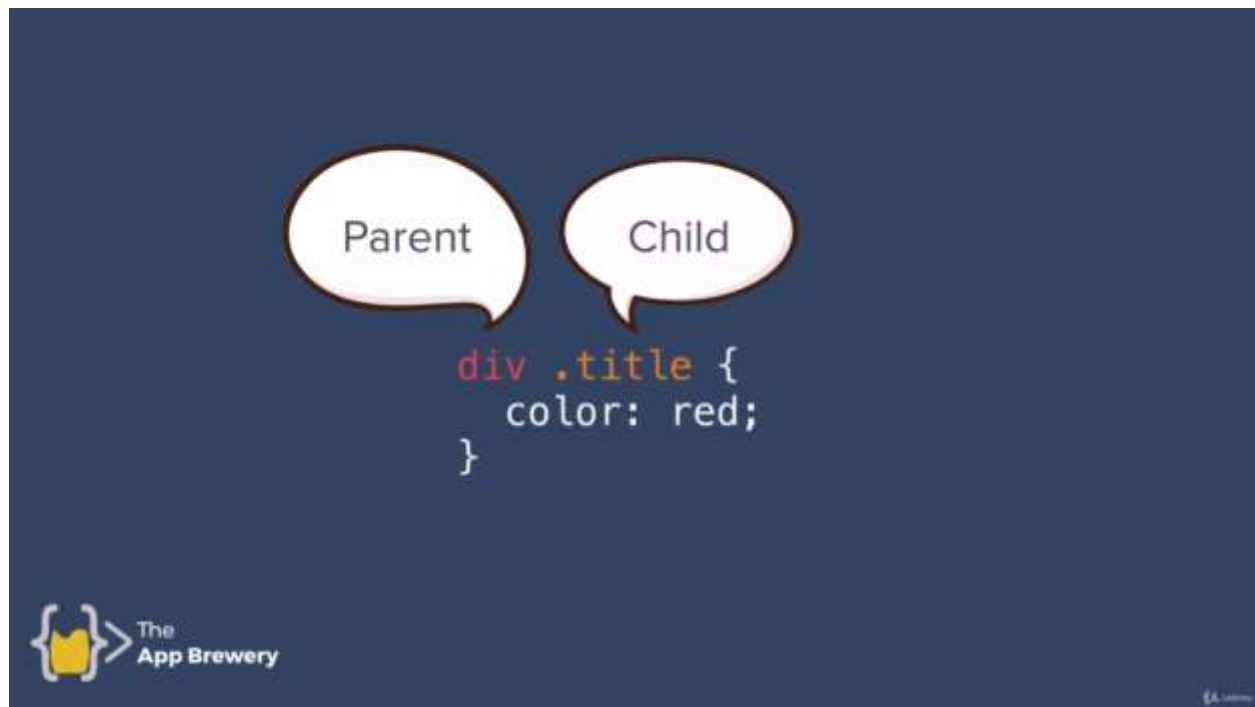


H1 text of container class will be red.



Hierarchy is from right to left. Title color will be red that is inside the div.





### **Combined Selectors:**

Syntax: <Selector1>.<Selector2> /\* There's no space between selector1 and selector2 \*/

```
Selector1.selector2{  
}
```

## Combined Selectors

```
selector1.selector2 {  
  
}
```



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In above case there is no space between two selectors. An HTML element is combined with class.

## Combined Selectors

```
selector1#selector2 {  
  
}
```

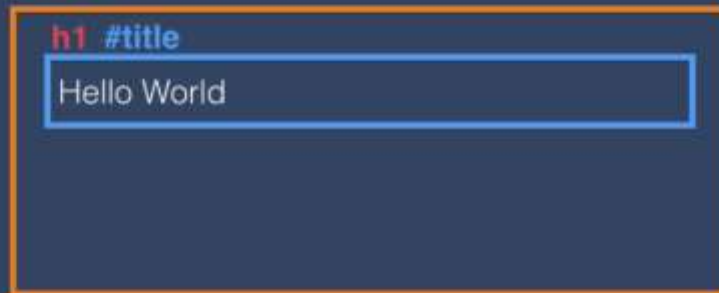


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HTML element is combined with ID. H1 that have an id of title will be colored red.

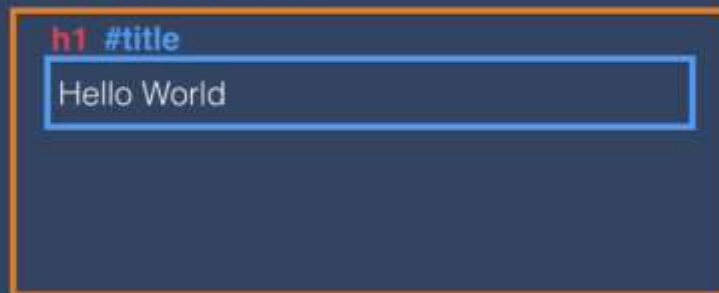
```
h1#title {color: red;}
```

div .container-fluid



```
div.container-fluid {color: red;}
```


div .container-fluid





This will not work.

```
div#title {color: red;}
```



The diagram illustrates a CSS selector error. It shows a blue box representing an `h1` element with the ID `#title` containing the text "Hello World". This box is nested within an orange box representing a `div` element with the class `.container-fluid`. A woman emoji with her arms crossed is positioned over the blue box, signifying that the selector `div#title` is invalid because it combines an ID selector with a parent element selector.

`element .class`      **VS.**      `element.class`

**Codes:**

**Code1:**

**CSS:**

```
/* .container .title{  
    color:red;  
}  
h1.container.title{  
    color:red;  
}  
  
*/  
.container.title{
```

```
    color:red;
} //Apply one by one
```

### HTML:

```
<div class="container">
    <h1 class="title">Hello World!</h1>
</div>

<div class="container-fluid">
    <h1 class="title">Good Bye World!</h1>
</div>
```

### Code2:

### CSS:

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

### HTML:

```
<div class="container">
    <h1 id="heading" class="title">Hello World!</h1>
</div>

<div class="container-fluid">
    <h1 class="title">Good Bye World!</h1>
</div>
```

### Code3:

### CSS:

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

### HTML:

```
<div class="container">
```

```
    <h1 id="heading" class="title">Hello World!</h1>
</div>

<div class="container-fluid">

    <h1 class="title">Good Bye World!</h1>

</div>
```

**Code3:**

**CSS:**

**HTML:**