Topic/Title: Advanced CSS-Selector Priority

Completing the Website

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Tip from Angela-Building a Programming Habit

Keywords/Questions:

h1{
        color:blue;
        color:red;
}

ID>Class>HTML tag

Inline>Internal>External

avoid ids unless it is for navigation or carousel

avoid inline css

one class for a single item

Notes:

If you have two different CSS values for a single property in a single selector, the last property will be applied.


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

```
h1{
    color:red;
    color:green;
}
```

Hello World

-The color green property will be applied

Order of priorities:

-ID>Class>HTML tag

-Inline CSS>Internal CSS>External CSS

-Inline CSS>ID>Class>HTML tag

```
<h1 id="heading" class="title" style="color:orange">Hello World</h1>
```

```
h1{
    color:red;
}
.title{
    color:yellow;
}
#heading{
    color:blue;
}
```

Hello World

Summary:

If there are 2 values for the same property under the same tag the last one will be applied.

Order of properties -Inline CSS>Internal CSS>External CSS   -Inline CSS>ID>Class>HTML tag

Preventing conflicting rules:- avoid using IDs unless you need it for bootstrap carousel or navigation

-apply only a single custom class to each of your elements..

-avoid inline CSS

Just because sth repeats itself isn't a good enough reason to get rid of it.

How can we prevent creating conflicting rules?

    —Use IDs sparingly, don't try and use it when you can use a class. for example, in our case we've really only got ids for our sections, and, in part, that's because **it helps us with our navigation.**

    — just because you only have one of something isn't good enough to give it an id instead of a class.

    —if you're working with Bootstrap carousels or Bootstrap elements, then they do need an id to target from the href. **They need that navigational ability of the id,** and that is a case where you might consider using it, but always first consider using class instead of going straight to an id, even if it only appears once.

    —apply only a single custom class to each of your elements.

```
<h1 class="title hale">Hello World</h1>
```

            —This is bad practice. There are two classes for a single element. Unless it is when you are applying bootstrap to your elements don't do that.

    —avoid inline styles. Using inline CSS is laziness and bad practice

Just because something repeats itself isn't itself a good enough reason for you to try and get rid of it. Don't group things that became the same by chance together