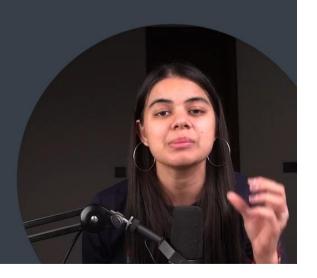


# Selectors

in CSS





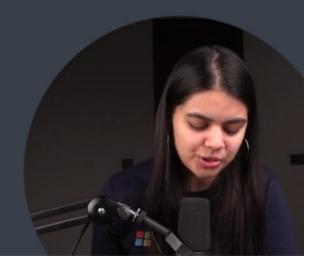
#### **Element Selector**

Selects all elements of the same type

```
Selector

h1 {

property: value;
```





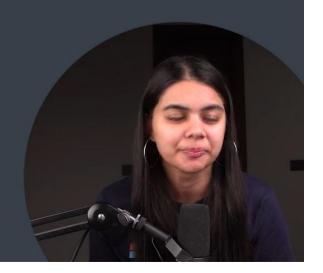
#### **Universal Selector**

To select everything in a document

```
Selector

* {

property: value;
}
```





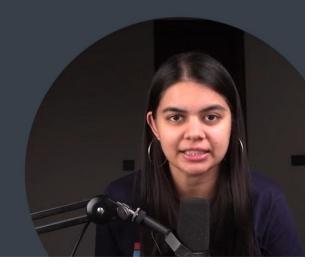
APNA
Ahl id: "myId' > COLLEGE

Selects an element based on the value of the element's id attribute

```
#myld {

property: value;
```

**ID** Selector

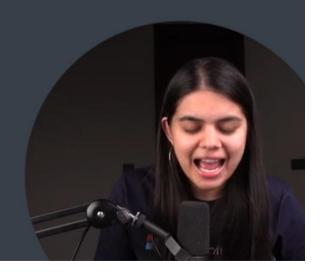




#### **Class Selector**

Selects an element based on their class attribute

```
class
Selector
.myclass {
    property: value;
}
```



6. Class Selector.ts



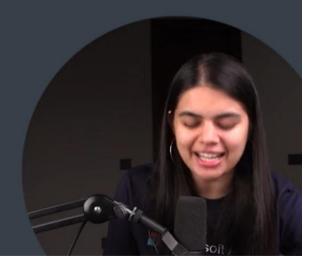
# **Descendant Selector**

Eg - Selects all paragraphs inside divs

```
descendant
Selector

div p {

property: value;
}
```



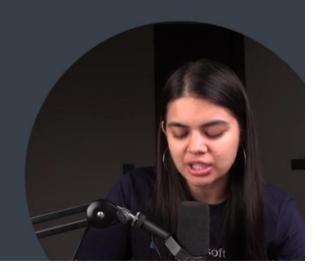




#### **Adjacent Sibling Combinator**

Eg - Heading3 that comes immediately after any paragraph

```
sibling combinator p + h3 {
p + h3 {
property: value;
}
```

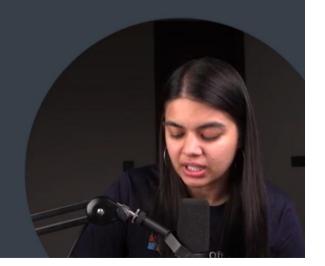


#### **Child Combinator**

Eg - Selects all buttons which are direct children of spans

```
span > button {
    property: value;
}
```

div sild



#### **Adjacent Sibling Combinator**

Eg - Heading3 that comes immediately after any paragraph



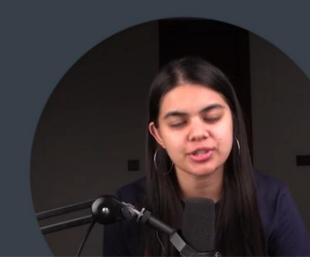
p<≥h3 sibling 2/p> 2/p> COLLEGE 2/h3> 2/h3> 2/h3> 2/h3> 4/h3> 4/h3> 4/h3> 4/h3> 4/h3> 4/h3> 4/h3> 4/h3>





#### **Child Combinator**

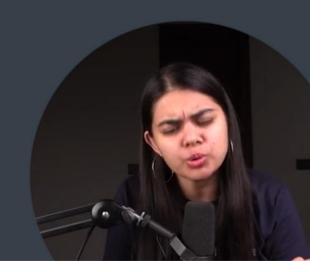
Eg - Selects all buttons which are direct children of spans





#### **Attribute Selector**

Selects elements based on the presence or value of a given attribute





#### **Practice Qs**

For the given html & css code, what is color of h1:

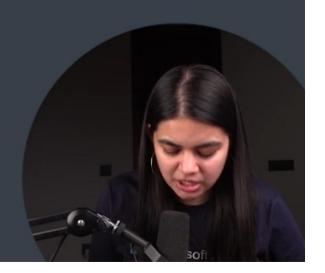
```
<h1 id="greet" class="myClass">Hello!</h1>
```

```
h1 {
    color:    pink;
}

#greet {
    color:    yellow;
}

.myClass {
    color:    brown;
}
```

id > class > element selectors





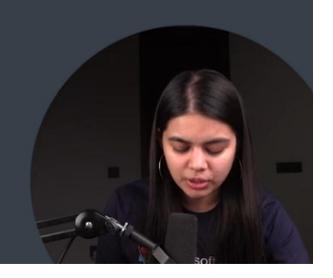
#### **Practice Qs**

For the given html & css code, what is bg-color of p:

```
div p {
background-color: | black; | background-color: | blue; | days sel | | 2 | 2 | (2)

para {
| background-color: | blue; | days sel | | 2 | 2 | (10)

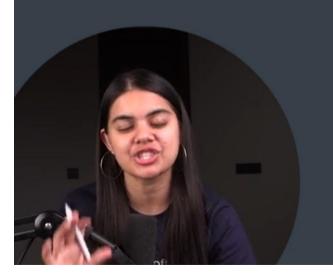
p {
background-color: | green; | de sel | | 0 | 2 | (1)
}
```



# specifi — voscodine APNA GOLLEGE

#### **Practice Qs**

For the given html & css code, what is color of text "Hello World!":





#### **Pseudo Class**

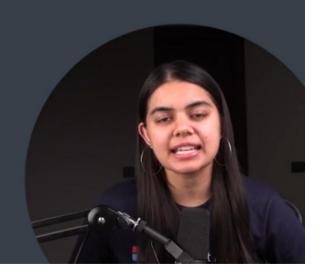
A Keyword added to a selector that specifies a special state of the selected element(s)

: hover

: active

: checked

: nth-of-type





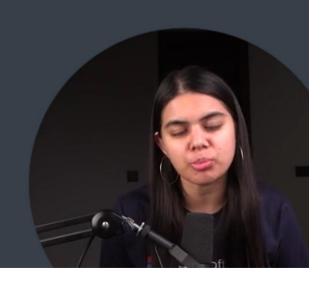
#### **Pseudo Elements**

A Keyword added to a selector that lets you style a specific part of the selected element(s)

:: first-letter

:: first-line

:: selection



14. Pseudo Element.ts



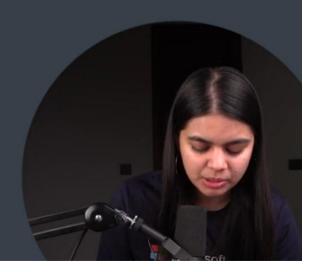
What is specificity?

Specificity is an algorithm that calculates the weight that is applied to a given CSS declaration.

id 🖁

class, attribute & pesudo-class

element & pesudoelement



What is specificity?

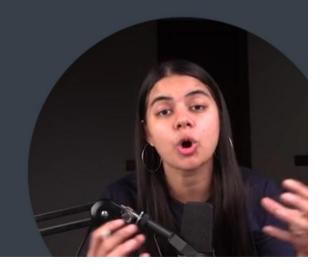
#myId & .my dans & COLLEGE

3

Specificity is an algorithm that calculates the weight that is applied to a given CSS declaration.

id class, element & pesudo-pesudo-class element

ment &



What is specificity?

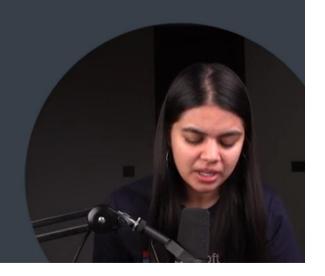
#myId & my dass & college
3

Specificity is an algorithm that calculates the weight that is applied to a given CSS declaration.

id class, element & pesudopesudo-class element

id Vass > element







```
background-color: yellow;
```

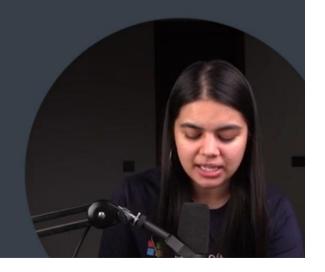
0

id

0

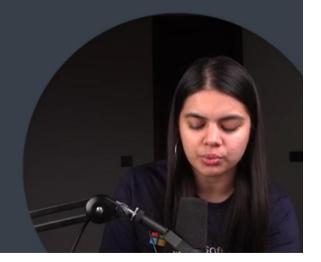
class, attribute & pesudo-class 1

element & pesudoelement





0 20

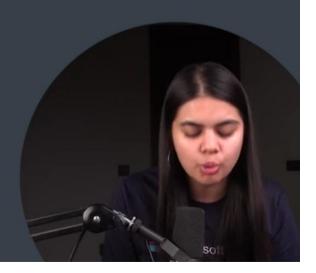




What to remember?

- (1) id > class > element
- more selector > les selectors

  4 CS.

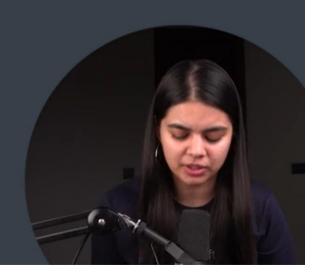




What to remember?

- (1) id > class > element
- more selector > les selectors

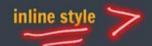
  4 CSS
- (3) if specificity some or conscading





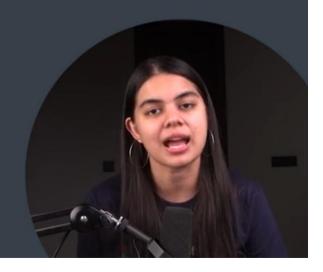
# **Inline Specificity**

Inline styles are more specific than id



ы

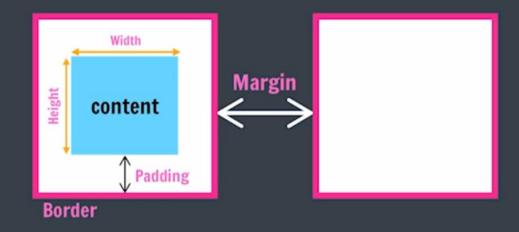
class, attribute & pesudo-class element & pesudoelement





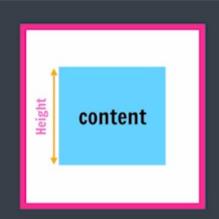
# **Box Model in CSS**

- Height
- Width
- Border
- Padding
- Margin



# Height

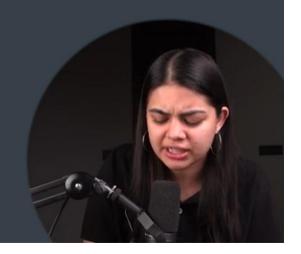
By default, it sets the content area leight of the element







```
div {
   height: 100px;
```



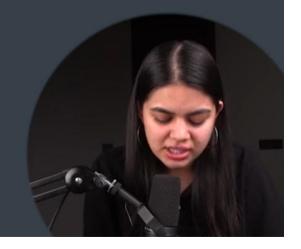
#### APNA COLLEGE

# Width

By default, it sets the content area width of the element

```
content
```

```
div {
     width: 300px;
}
```

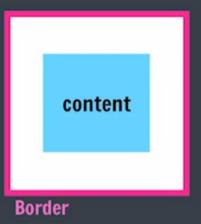


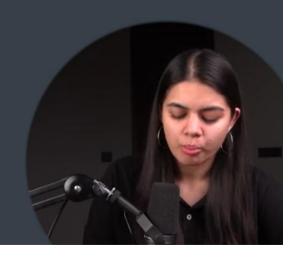


# **Border**

Used to set an element's border

- border-width
- border-style
- border-color



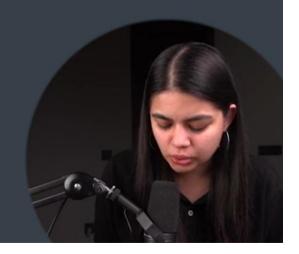




# **Border Shorthand**

width | style | color

```
div {
   border: 2px solid blue;
}
```

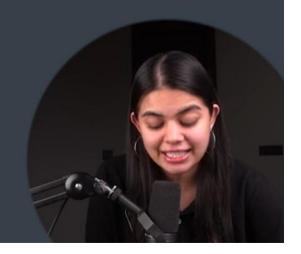




# **Border Sides**

To control an individual side of the box

- border-left
- border-right
- border-top
- border-bottom

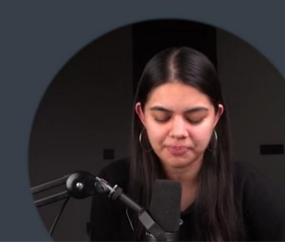




### **Border Radius**

Used to round the corners of an element's outer border edge

```
div {
   border-radius: 15px;
}
div {
  border-radius: 50%;
}
```





# **Padding**

- padding-left
- padding-right
- padding-top
- padding-bottom



