Intermediate CSS

CSS Cascade

4 cascade Rules

Position Rule: the lowest level of code will apply

```
li {
    color: red;    ←
    color: blue;   ←
}
3 - li { color: green }
```

Specificity : ① id > ② attribute > ③ class > ④ element

```
<li id="first-id" class="first-class" draggable>        Specificity

④  element →    li {color: blue;}
③  class   →    .first-class {color: red;}
②  attribute → li[draggable] { color: purple;}
①  id      →    #first-id {color: orange;}
```

Type : ① inline > ② internal > ③ external

```
→   <link rel="stylesheet" href="./style.css">     · external ③
→   <style></style>                                · internal ②
    <h1 style=" ">Hello</h1>  ←                    · inline ①
```

Importance : always be the top level

```
color: red;    ←
color: green !important;  ←          ──→ ①
```

Combining CSS Selectors

5 selector Rules

Group Rule: Apply to both selectors

```
selector, selector {
    color: bluevoilet;
}
```

Child Rule: div — (Parent)
                       div — (child) ①
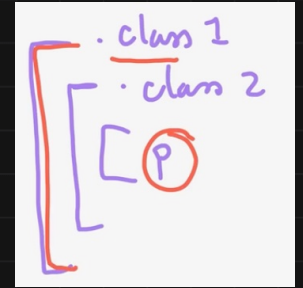   :   ──→ To select this div
                                              as a child

```
Parent           child
selector > selector {
    color: firebrick;
}
```

```
selector selector {
    color: blue;
}
```

. class 1
. class 2
[P]

Chaining Rule : Apply where All selectors are true.

The element selector has to be at the beg.

```
selectorselector {
    color: seagreen;
}
```

→ h1#title.big.heading → `<h1 id="title" class="big heading">Hello World</h1>`
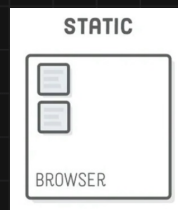
Combining Combiners

```
selector selectorselector {
    font-size: 0.5rem;
}
```
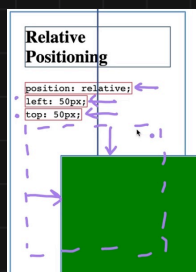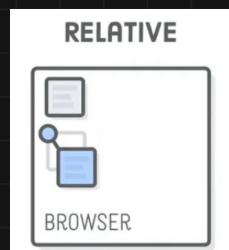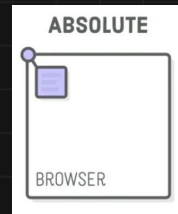
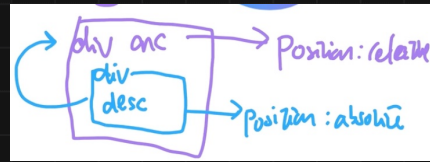**CSS Position**

4 different position methods
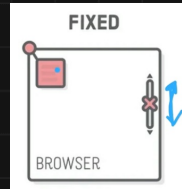
Static Positioning: HTML default flow

STATIC

BROWSER

Relative Positioning: Position relative to default position

RELATIVE

BROWSER

Relative Positioning

position: relative;
left: 50px;
top: 50px;

Position relative to nearest positioned ancestor or top left corner of webpage

Fixed Positioning : Position relative to top left corner of browser window

→ even scroll down the page the box will always stay at top left corner

CSS Cascade: ① position rule ② specificity ③ type ④ importance

the lowest position will be applied   id>attribute>class>element   inline>internal>external

Intermediate CSS

Combining CSS Selector: ① group rule ② child rule ③ descendent rule ④ chain rule ⑤ combine combiners

CSS Positioning: ① static ② relative ③ absolute ④ fixed