CSS

$\underline{Selector}$ { property : Value ; }

MDN ⇒ CSS all properties are there

id ⇒ #idname .

class ⇒ .className : pseudoclass ⇒ <u>.X:hover</u> .

tag ⇒ tagname_directly

⊛ ⇒ All selectors Selected

* { background - color : white ; } ⇒ Normalizing the css file .

| id > class > tag | priority in CSS .

⊛ Google chrome gives us default css like size of h1 tag & etc.
sometimes it is necessary to remove them by specifying
them separately .
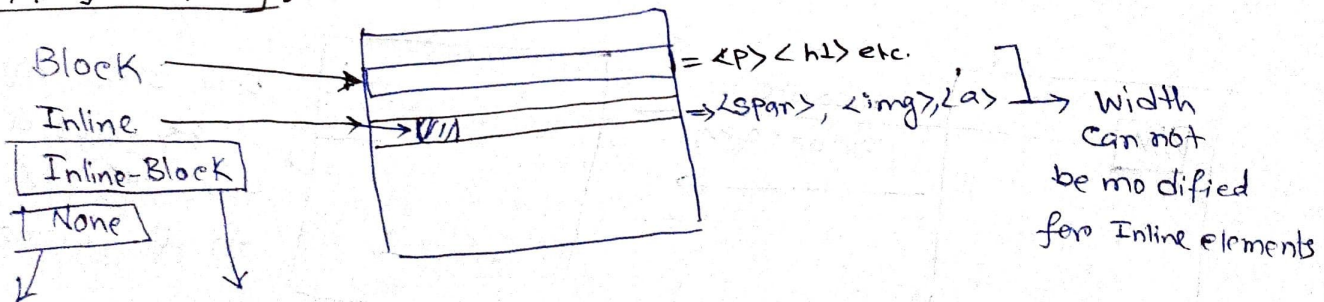eg: In padding it is important

Pseudo - class

eg:

on hover change color to Orange

a : hover { color : orange ; }

↑
Pseudo class

Display property :

Block ——————→   = <p> < h1> etc.
Inline ————→ [V/A] →<span>, <img>,<a> ⌉→ width
| Inline-Block | can not
| None | be modified
↓   for Inline elements
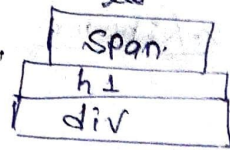hide/show   here I can Inline elements + Manage widths
= I have deleted the html element
visibility property also hides but keeps the space.

CSS positioning ✳✳

(i) children sit ontop of Parents

`<div> <h1> @ <span> pro </span> grammer</h1> </div>`

```
┌──────────┐
│  Span    │
├──────────┤
│   h1     │  ↑
├──────────┤
│   div    │
└──────────┘
```

Static
Relative
Absolute
Fixed

- Static : Default

- Relative : (left 30 px) ⟹ From static position
  go 30px left.
  ↑
  wrt it's static position (Moves on other elements)

top : 50 px.

Co-ordinate
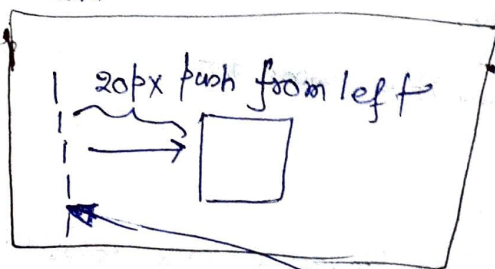
↓ Pushed 50 px in Relative Position

Left, Right, top, bottom.

Left : 20px
like a margin.
wrt previous location

20px push from left → page.

└ static position of the element

- ## Absolute Position :

We position the child element wrt to its parent
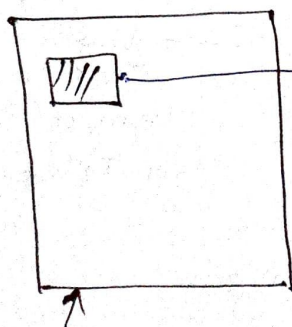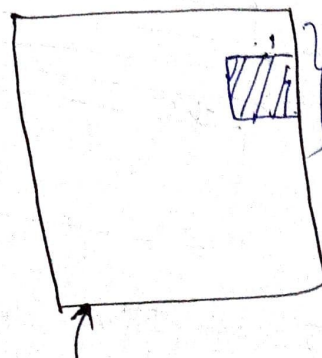
```
┌──────────────┐        absolute        ┌──────────────┐
│ ▨            │     right : 0 px →      │            ▨ │  wrt div right
│              │  ─────────────────→     │              │    have a
│              │                         │              │  push of 0 px
│              │     ─────────→          │              │   to the element
└──────────────┘                         └──────────────┘
      ↑                                         ↑
div (relative)                           div (relative)
```

- <u>Fixed</u> ⟹ Even you scroll it will be in the same place.

  In Excel Freeze page.

Center Aligning Elements:

* `{ margin : auto ;}`

  Right, Left

  margin : 5 10 15 20

  Top ~~Left~~ down
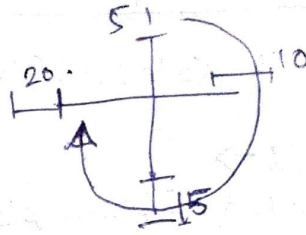
margin : <u>Top</u> <u>Right</u> <u>bottom</u> <u>Left</u> ;

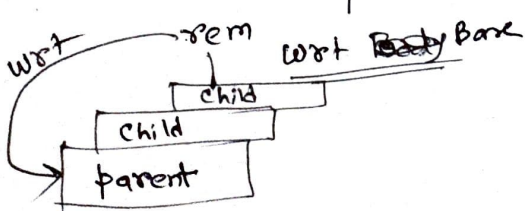margin : <u>top & bottom</u>   <u>left Right</u> ;

Font Size :

$100\% = 16\,px$

$\boxed{1em} = 16\,px$ ⟶ wrt direct parent

$1rem = 16\,px$ ⟶ Best wrt Base

wrt → rem wrt ~~Body~~ Base

child

Child

parent

Float & ~~loop~~ clear:

.Image `{ float : left;`
`margin-right: 5px;`
`width : 25%.`

Im | text
→|←
Margin

. Im .

text | Im `{ float : right;}`

.text `{ clear : left }`

Im title → & wrapped

text ; Not wrapped