

- Internet
- Intranet
- IOT (Internet of Things)

10-11-25

link:- way back Machine .org

link:- nslookup .io

Ctrl + Shift + I
 ↳ Developer tools
 ↳ Command Run
 ↳ Screen shoot

Internet

Wappalyzer

Google extension

View web Technology

- URL
- HTTP Request

Ctrl + U

↳ View Resource code

Reddit.com

Pointer Pointer .com

- Webpage vs Website
- Landing page vs Multipage site
- Web server
- Client
- Front End vs Back end

11-3-25

2050 Book

HTTP

HTML + CSS + JS

Type of website
 ↳ static website (No JS)
 ↳ Dynamic website (JS include)

HTML (Hyper Text Markup Language)

Ctrl + Shift + N

↳ New folder

"!" negation sample

USP (Unique selling point)

Front End

* HTML5

* CSS

↳ Tailwind Bootstrap

* JavaScript (ES6)

↳ React Js 20 Angular Js Vue Js

↳ Next Js (full stack)

↳ Jquery

Back-End

① Python + Django + Flask

② Node Js + Express Js + NoSQL + APIs
 ↳ MongoDB

* ③ PHP + Laravel + SQL + DB

Data Base

① SQL ↳ MySQL (MongoDB + mongoose)

② NoSQL ↳

③ Vector DB ↳ (Pinecone + Chroma)

{12-3-25}

~~Base~~ ~~not~~
 "<" ">" ↓
 Angular Brackets

- Pair tag vs self closing tag
- Elements
 - Code Inspector
 - Paragraph

- Comments
 - Heading
 -
 - bold
-

Emphasis → Italic

- list
 - Unordered
 - Ordered
 -

→ list item

unplash.com
 free pick.com
 Pixabay.com
 mixkit.com

websites
 too
 Pick and Try

<bb>

Superscript vs sub script
 ^{Power} _{Base}

- links

 target = "_blank" } → New Tab
 Par Open Karina

• attribute
 Name = "value"

- Relative links
- Link to element
 → making landing webpage

- Image Tag

Forms

Rename F2

- <form> </form>
- <label for="" > </label>
- <input type="text" >
 → Placeholder = ""
 → Required
 → name = ""

Type
 Text
 Email
 Submit
 Password
 Date
 Radio
 Checkbox
 Range
 Disable

• <button> Tag

• Textarea Tag

<textarea row="" col="" > </textarea>

- <select> </select>
 <option value="" > </option>

{13-3-25}

<Table>

<tr> → Row

↳ <th> → Table heading

↳ <td> → Table data

Semantic Tags

<thead> </thead>

<tbody> </tbody>

<caption>

• <caption> tag

• colspan * colspan=" " "

• rowspan * row-span=" " "

<audio> tag.

↳ Control

<video>

• Color properties

• background properties

* Styling Text

↳ Text align Tag

↳ Font weight Tag

↳ Text decoration Tag

↳ Cursor Tag

↳ line height Tag

↳ Letter-spacing Tag

• Font - size Tag

• Font family

{14-3-25}

CSS

↓ ↓ ↓
Inline Internal External

SOC (Separation of concerns)

DRY (Don't Repeat Yourself)

link

selectors

↳ Element selectors

CSS Colors

↳ Name of colour

↳ RGB ⇒ rgb(red, green, blue);

↳ 0-255

↳ Hex

0 → 9, A → f

⇒ # rr gg bb 00
 red green blue

↳ rgba(red, green, blue, Alpha);

Colourhunt.com

{ 3-17-2025 }

CSS selectors

* Element selectors

h1 { }

* Universal selectors

* { }

* Selector list

h1, h2 { }

* Class selector

.container { }

• Pseudo

* Id selector

#Para { }

* Descendant selector

P a { }

* Adjacent

h1 + P { }

* Direct child

div > h1 { }

* Attribute selector

element [Attribute = "value"] {
color: red;
}

CSS

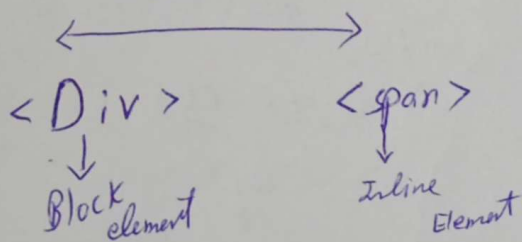
- <style> tag ⇒ ~~Internal~~ Internal CSS
- style = " " ⇒ Inline CSS
- .css ⇒ External CSS

Pseudo Classes

- : active
↳ ~~click~~ clicked
- : checked
↳ Radio or checkbox
- : first-child
- : hover
- : not
- : nth-child

Website Responsiveness

- Box Model
- Grid System
- Media Queries
- Position + Float
- Bootstrap 5
- Tailwind 4
- Flexbox



Display : Inline-block;

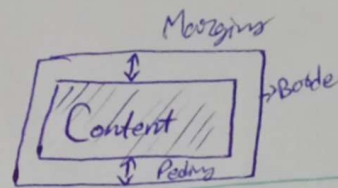
- ↳ inline
- ↳ block
- ↳ inline-block

18-3-25

Pseudo Elements

- :: selection
- :: after
- :: before
- :: first-letter
- :: first-child

Box Model



19-3-25

* Specificity

- 1) inline styles
- 2) ID
- 3) class / Attribute / Pseudo class
- 4) Type / Pseudo-Elements

Importances

↳ ! important

background properties

bg - Image

bg - colour

Position Property

- static
- Relative
 - ↳ move
 - ↳ Blank
- absolute
- fixed
- sticky
- float
 - ↳ Right
 - ↳ Left
 - ↳ Top
 - ↳ bottom

eye dropper
extension

ctrl + shift + T

Websites Name

colorhunt.com

Design seeds .com → nature

Favicon.cc

devdocs.io

Emojipedia

Flate icon

Giphy.com

Can I use.com

HTML Washer

W3 Validation

enjoycss.com

Neumorphism.io

CSS-Tricks.com

Paletton.com

CSS Minify

Shopify - .com logo

Grid. malven.co

Animate.css

MD Bootstrap

MDBootstrap.com / feedback

~~Flatten~~ ~~Idem~~

Dark key

20-3-21

Bootstrap

Add bootstrap

↳ CDN via include

Content Delivery Network

- link tag ✓
- script tag ✓

* Containers

* Grid system
↳ 12 cols

* Border

* Typography

* Img

↳ img thumbnail

↳ rounded float-start/end

* Max-width

↳ mx

Padding

↳ px

* d-block → d-inline

display

* text-center

Bootstrap IntelliSense

↳ Extension vs code

- ⇒ Containers
- ⇒ Grid
- ⇒ Typography
- ⇒ Image
- ⇒ Table
- ⇒ Form
- ⇒ Form control
- ⇒ select
- ⇒ checkbox / radio
↳ switch
- ⇒ Range
- ⇒ Alerts
- ⇒ button
- ⇒ Card
- ⇒ Navber
- ⇒ Color
- ⇒ Ratio

Containers

- Container
- Container-sm
- container-md
- container-lg
- container-xl
- container-xxl
- container-fluid

• text-center

• row
↳ 12 col

• col

• Img

- * fluid
- * thumbnail
- * rounded
- * float-start

• Margin / padding

- | | |
|------|------|
| • mx | • px |
| • my | • py |
| • mt | • pt |
| • mb | • pb |
| • mr | • pr |
| • ml | • pl |

• form-label

• form-control

• btn

• check

• form-check

↳ form-check-input

↳ form-check-input

• card-img-top

↳ card-title

↳ card-text

↳ card-subtitle

↳ card-link

• list-group-item

• Navbar

↳ collapse

↳ navbar-toggler

↳ nav-link