

(to get image
for click work)

Environment creation

DesignAI (gives you
guidelines project)

Folder creation:-

- 1- Create a folder
- 2- Right click → open with code →
 - go to status bar → remove code
 - cmd → enter
 - to open same path in Vs code

Path + Code → (Period)
space
in cmd

To change vs code settings

→ Settings

→ theme

File creation

Click new file (name it anything but with file.html)

⇒ • html extension

Extension

- Extension → live server (Install)
 - Prettier - code formatter (Install)
 - EShint
- } code formatting

for windows → don't use outlook instead use a cmd command
shortcut
⇒ to **Ctrl J** (to see panel download wala)

Download → click all options & continue.

Window activation] • virus & threat protection off all security off.

Window activation

PowerShell / cmd
Right click

Run as administrator
↓

with a command

command [from

after entering command

⇒ Activation methods

to get any paid software

Windows security
should be off.

① geniopie

② edutech byte → cookie → canva

③ working + fun word → save to notebook

ctrl + click here (you have to google else)

→ copy URL (open in new tab)

④ → click here for generate link

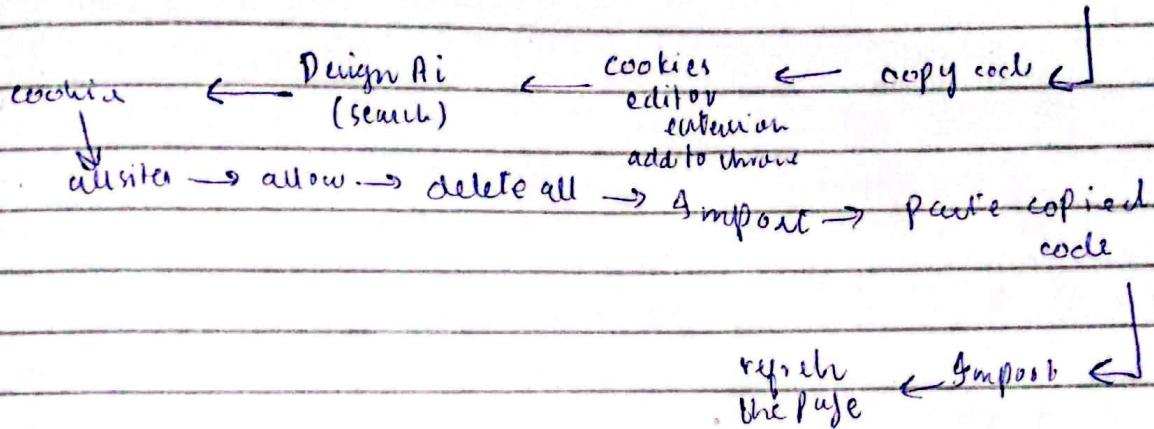
⑤ download link → scroll → ctrl + click → google here

window update permanently

Premium

HTML (hyper text markup language)

copy URL & open new tab + 20 s. wait → get link +
download → password (unlock) → JSON format



shortcuts

(1) F2 → Rename folder

HTML Lecture

index.html

to tell that

why this means ⇒ homepage name

when u upload it online file by this name would
be homepage

* open autosave in file's option

* This basic code is called (boilerplate) dummy code

* mention by line no.

line 1 → tells browser that I am working
in HTML5

so recognize tags of HTML5

Angular brackets < → angular brackets

Tags

Self closing tag

(single tag x)

<!DOCTYPE html>

Paired tag

(opening & closing tag)

difference of /

• In head (title it runs sb backend pr show hogा)

• metadata (extension, dimension, color)

• body (all code that is visible at frontend)

Code Rendering:-

⇒ Code render → code show (displaying the output)

Paragraph element:-

use paragraph element to represent a paragraph of text

- <P> opening tag </P> closing tag

Title:-

<title> HTML5 </title>

* SE/browser reads this title during crawling

Align the Paragraph

→ Just enter p & don't enter <>:

{ use `alt+F` to align the Paragraph }

Refresh =⇒ To Refresh (Ctrl+R)

multiple paragraph = to get multiple paragraph in

multiple cursor =

↔ P * 10

to get multiple cursor

(Press alt & click at every no. what u type
at one place then it will occur at all places)

Screen = View (ctrl)

→ mdn (to study about anything)

In Incognito → p.html mdn (Read latest article)

chrome inspector

* screenshot of full screen
* cookie editor

* 16 million colors in world

* A website has 1 color palette (99% people like those colors)

colorhunt.com

Captcha: add reCaptcha (automatically detects)

{ background → light
head → dark

shortcuts

Inspect → Ctrl + Shift + I

Source code → Ctrl + U

Comments:-

scr(Ctrl + ?) redoing to remove comment

~~Comments~~ Browsers will ignore any code wrapped in comment tags. Use comments to write notes in your code or to temp disable clients.

<!-- Comment -->

* readability ↑

* Comment the code that is used & can be reused

Headings:-

* For Programmers 1 > 6

H1 - H6 headings

We use headings for structure instead of font size.

Bold:-

→ Strong tag => for bold of text

(Coding style + no. of projects) → determine your level

Italic:-

Emphasis

(Italics) em tag

Nesting:-

Nesting of elements

 text

↳ **nesting**

List:-

list

↓
Ordered

 li * 5

↓
Unordered

 li * 5

↓
Description list

for sub list
nesting

li * 3

ca

Superscript and subscript:-

para

Sup + Sub
superscript subscript

Title

$H_{2g} SO_4$
base
Subscript Power

$a^2 + b^2$
superscript

Alt
Par

$H \times ₂ _{SO} ₄$

Ref

$(a+b)^2 = a^2 + b^2$

mult

{b}, bold
linking:

same way

m

link

a press enter
anchor tag

``

two parts → frontend
→ link of each page

` click here for MDN `

`"target = "_blank"`

`target = both websites has
users`

$$= a^2 + b^2 + 2ab$$

Roadmap.sh

Website ⇒ roadmap.sh (frontend path | skills path)

Frontend (Project + config)

HTML (2 videos)

alt + z for alignment

Any Click

⇒ single pg → landing page

#link

Lecture #02

types of linking

→ links

!

navigational

internal external

method for links

→ internal links (name of file)

→ external links (with IP)

other links
relative (Internal page linking)

copy path
sc * shift+alt+C → copy path

Anchor tag

hyperlink reference click here

< a href = " " >

link for target

⇒ all pages link reside on homepage
& we put navigation here

Parts of a tag { • visible part ⇒ e.g. AI
• target link = should have IP

Internal Links

→ Internal Link

(attaching files of own website)

(br) ⇒
 → line break tag

e.g.

< a href = "team.html" > Teams Page

no need for target

to go to homepage

to go to home page

add another link for homepage

Why attribute?

attribute always on opening tag to ↑ function of tag

syntax

attribute = " value "

• == equal
• = aligns

e.g. image src

• \Rightarrow u control behaviour via JS

#sharp

To navigate to :-

` Heading 2 `

sharp upto n

- add attribute of `id="head">` in h2's opening tag
- web for copyright content:-

best websites for copyright content (audio, img, vid)

- Pixels
- Pixabay
- unsplash
- minkit.co (full hd ^{4k} images)
- flaticon no watermark + free

Image tag

``

- local img (name)
- external (link)

alternative text

External images:-

right click \rightarrow copy img address \rightarrow Paste in source.

height & width {
→ height & width (attribute not good practice)
→ but we do by CSS
→ `height = "200px" width = "100px"`

alt text benefits \rightarrow 1- description of img not reading

2- 404/ broken link (not available on unsplash)

3- Google crawlers/bots see description/alt text & put it in

4- for blind people ^{to} (screen readers) directory
read description.

(User Accessibility)

2 lines
break

two line break

Forms

L10

</body>
action → backend, for backend

⇒ <form action=" " "

<form> form depend on type
=> <input type="text" >

<form> label :-

<label for=" " > First Name: </label >

placeholder :-

<input type="text" placeholder="1st Name" > 1st Name output

email :- for email (if you enter type text then it will not show errors if email not entered so put type email) shows prompt if format of email not followed

button :-

<button type="submit" > Submit </button >

Radio :-

choice 1 (radio button) e.g gender ♂

checkbox choice greater than checkbox

Radio :-

<input type="radio" name="g" id="" > Female

<input type="radio" name="g" id="" > Male

checkbox =

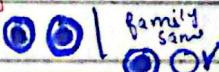
<input type="checkbox" > Lazzanica

<input type="checkbox" > Jultfuzzi

disabled

<input type="checkbox" disabled="disabled" > Lazzanica present but not active/working

family should be same e.g otherwise both get selected



If something is must

textareas

<textarea name=" " id=" " rows="10" cols="30" > </textarea >

dropdown menu - with select tag

after submit vali like

<select name=" " id=" " >

<option value=" " > Lavender </option >

same for others

Text Inp

Required:-

Range:-

"password" required

<input type="range" min="0" max="11">

Assignments

space, Address

Tables

1st row → table's head row
→ tr tag

td → table data

th → table header

table
tr
tr
td
td
tr
so on

Border:-

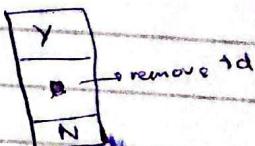
<table border="1">

⇒ to join rows e.g.

colspan

<td colspan="2"> Zonash </td>

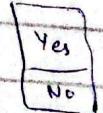
RowSpan



and to align an

<td rowspan="2">Yes</td>

any value



semantic markers {thead, tbody, tfoot} of code readability for
parsers {e.g. crawlers, no actual purpose}

<caption> for heading

<div> group content together

• deploy in alignments

tr
td
td
td
td
td ✓

border bottom

<audio> / <video>

<video src=" " ></video>

copy link and paste here **controls attribute** → to get controls

→ to play video automatically

autoplay after controls remove controls to avoid skipping

src="link" controls autoplay ></video>

→ Google chrome doesn't play auto or of sound reason
so add muted along/after autoplay

Controls autoplay muted >

⇒ Styling

muted styles = "width: 100%; " ></video>

⇒ Table formating

to nest form in table

<table>
<form action="" ></form>

<tr>

<td> Label for 1st name </td>

<td> <input type="text" > (Maximum) </td>

<!-- to nest a table within this table -->

⇒ after 1st tr put 1st td blank so it remains at its safe
no color, no border

tr
td blank
td others
input

to align at center follow this method