

1) Finding a web developer ^{Job} with NO experience.

Front End Developers - HTML/CSS /some JS

Back End programmers - one stack (LAMP, MEAN, etc)

Frontend Developer/web design

HTML/CSS, Front-End JS

Server side programming

PHP, Python, Node.js, Rails, Taro

→ Full Stack Developer

front and Back end development

2) TIPS on learning

don't remember... understand

All code is different

grasp the concept

Be an active learner, not a passive learner.

use References

Small text files of snippets

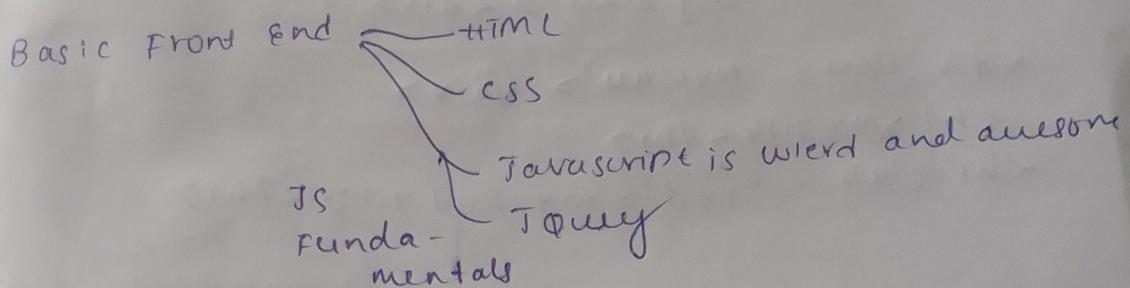
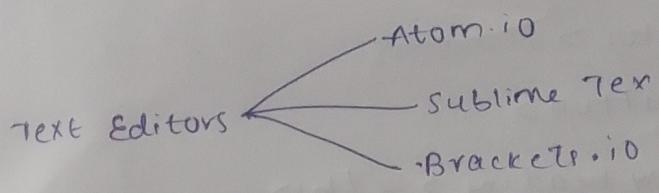
Common principles

KISS keep it simple stupid

DRY don't repeat yourself

YAGNI you aren't gonna need it

3- Most known web development Tech



JS Frameworks

4. Setup linux ubuntu for web development

5. chrome Extensions for web Developers & web Designers

6. Emmet for faster HTML & CSS workflow

one of the tool for web development

- Go to settings → install → Emmet then
install install packages. Emmet

```
<head></head>  
<footage></footage>  
<button></button>  
<h1 class = "my heading"> </h1>  
<div class = "my class"> <div>  
    <div class = "my class"> </div>  
        <h1>MY TITLE</h1>  
<h1 class = "red"> my red title </h1>
```

Web dev

- 1) course introduction
- 2) Web design & Development

GIMP - gimp.org

PIXLR : pixlr.com (Browser app similar to Photo shop)

30-Day Photoshop Trial

pop quiz.html

Basic Elements & principles of V.D

6 elements

→ lines → helps define shape / divide sections

→ shapes → areas

→ colour palette

→ texture

→ typography

→ form → illusion of 3D objects

Principles

→ Balance → symmetric / asymmetric

Rhythm → creates movement
proportion

space

hierarchy

unity → grouping of similar elements

3- The Design CRAP principles.

CRAP

→ contrast

→ repetition

→ alignment

→ proximity

4- Typography basics:

↓
Gives a voice to written content

increasing (or) decreases readability

Gives content form and can shape
a message

give flow to the msg.

danger DANGER

→ Sans-serif typeface PIN

→ Serif typeface Piph

Grids (helps to organize content)

Approach

- single column
- multi
- modular
- hierarchical

Introduction to Adobe Photoshop

creating a new photoshop document

Introduction to HTML (HyperText markup language)

Basics:-

→ Tags : <hi> </hi> <body> </body>

→ Attribute: Extra information

<article attrib="value"> </articles>

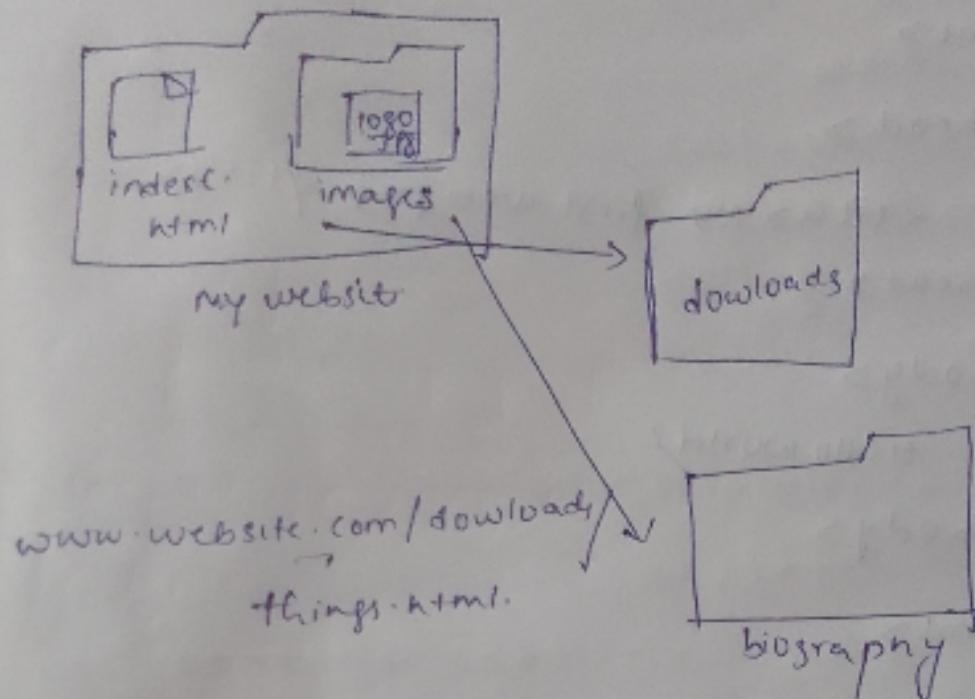
→ Elements:

<p> content </p>



Element

File & folder structure of a website



→ Special characters used in URLs

@ = & % # / ? ;

→ Spaces are not allowed in URLs

Programs

My First web page. #code:-

→ index.html

HelloWorld! o/p:- HelloWorld.

• Intermediate *** -----

Basic structure of HTML Document

```
<!DOCTYPE HTML>
<html>
  <head>
    <title> My first web page </title>
  </head>
  <body>
    Hello world
  </body>
</html>
```

→ Heading Tags & paragraphs

\uparrow highest
 $\langle h_1 \rangle < h_2 > < h_3 > \dots < h_n >$ are heady
 tags \downarrow lowest

<p> This is a paragraph tag </p>

→ using Emphasis

ng Emphasis Signifies it is
 web developer > /em > T important

→ hyperlinks! - anchor tag

```
<a href="http://google.com"> google </a>
```

→ Lists :-

unordered list \leftarrow $\langle \text{ul} \rangle - \langle \text{li} \rangle$ list item

Indeed it — col

Description list

$$d_i >$$

Image

Leng
dut

 carrots

 potatoes

 Apple

 Banana

<dl>

<dt> kati </dt>

<dd> A leafy green vegetable. </dd>

</dl>

Op :-

• carrot

• potato

1. Apple

2. Banana

Kati:

A leaf green vegetable.

Images : syntax:

Tables:-

```
<table style="width:100%;">  
  <tr> </tr>  
    <th> name </th>  
    <th> age </th>  
    <th> city </th>  
  </tr>  
  
  <tr>  
    <td> john </td>  
    <td> 39 </td>  
    <td> vancouver </td>  
  </tr>
```

Foos and classes

-! Classes! -

```
<!DOCTYPE html>  
<html>  
  <head>  
    <title> IDs & classes </title>  
  <head>  
  <body>  
    <p id="paragraph-1">This paragraph</p>  
    <p class="fancy-pant">This paragraph has  
    the class of 'fancy-pant'</p>  
  <body>
```

span & div Tags :-

Syntax: `<div id="header-content">`
 ` please take your time`
`<p> welcome`
 ` and learn`
 `somthing . </p>`
`</div>`

Intro to HTML5 Tags like `header`, `footer`, `nav`, `section`,

- `article`,

- 1 Building a Basic HTML5 webpage:- come in
notepad).

/ used many tags like `header`, `footer`, `nav`,
`section`, `article`, `div` etc.