Day-1 introduction Wevdevelopment and html level-1

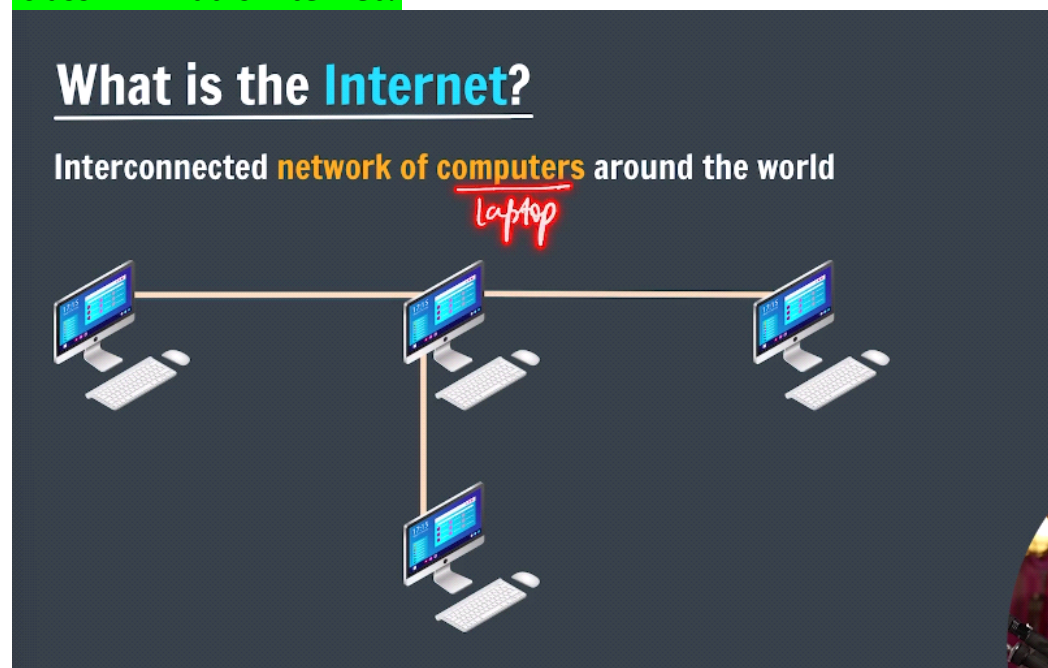Friday, April 25, 2025   6:23 PM

04.INTRODUCTION

Important :
You have to ->Consistant.
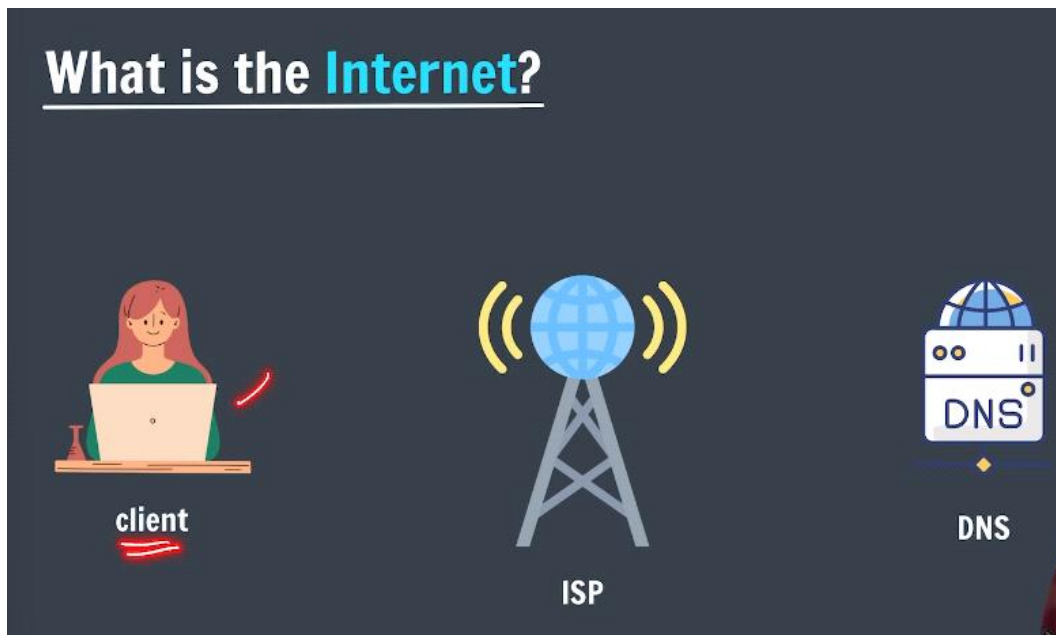->Discipline.

class 2: What is internet?

Server: which computer 24/7 are connected with the network .
 If any clint computer want to data then server
Send the data .

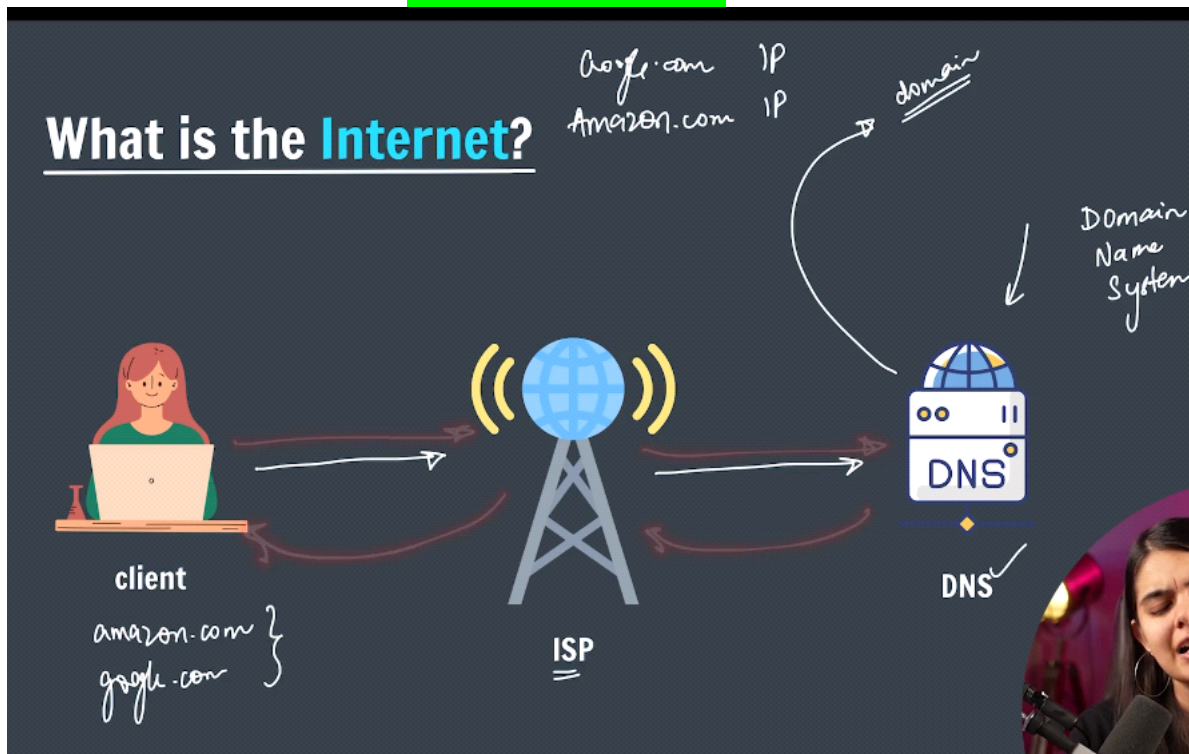IP Address : Every computer ,server and device has unique
IP address.

Isp: internet service provider

DNS :(Domain Name System) :
Here all domain name er IP address store kora DNS.

NsLookup.io : this website give ip address.

Google.com   search:

Show the ip address of google.com

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Class 3: What is web development

What is **Web Development**?

Building websites for the internet
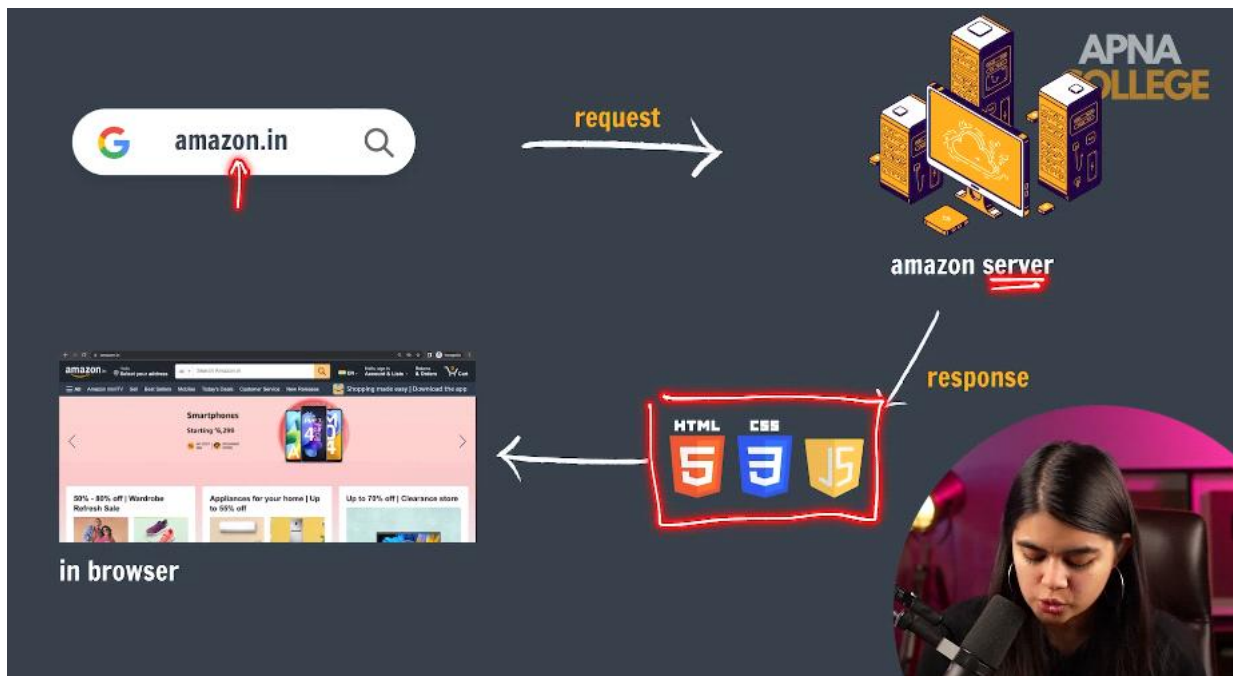
Functionality: run, show, any work , can done by javascript.download , click, upload, button, color, ..

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Fronted: Html, Css, javascript,

Class 4: what will we learn in this course?

What will we learn?

Frontend : HTML, CSS, JavaScript, Bootstrap, Tailwind

Backend : Express, NodeJS

Database : SQL, MongoDB

+ React

Css has 2 framework: Bootstrap, Tailwind.

Bootstrap -> mostly used in industry,

All most time -> used in plain CSS in industry.

Nodejs : create from javascript . If we learn javascript Then we can learn Nodejs easily.
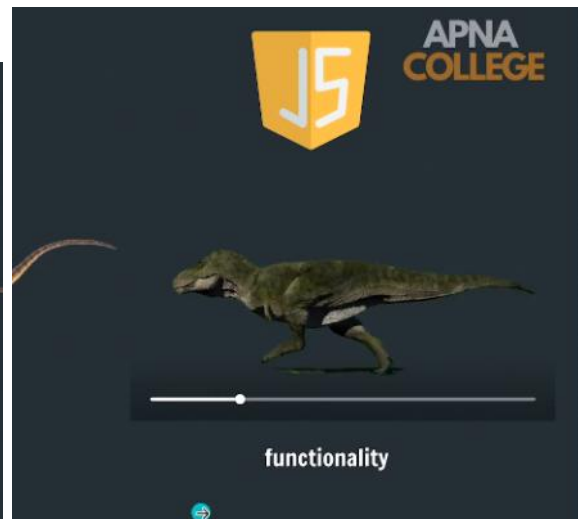
Data base: SQL, Mongodb.

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05 Prerequisites

0. Topic List.jpg	JPG File
01. Prerequisites.mp4	MP4 Video File (VLC)
02. Installation Guide.pdf	Microsoft Edge PDF Docu

Prerequisites

Laptop/ Computer

Internet Connection

Chrome (Browser)

Visual Studio Code (Editor)

Installation Guide

Note - These are **prerequisites** for the course that you should already installto your system (laptop/computer) to be able to code for Delta.

1. **Download Chrome Browser**
   Step 1: Go to https://www.google.com/intl/en_in/chrome/Step
   2 : Click on Download Now

   You can watch any of these:
   Free Video Resource (1) - for Windows :
   https://www.youtube.com/watch?v=Ew_ReoK1zMc
   Free Video Resource (1) - for Mac:
   https://www.youtube.com/watch?v=WlAeem2BoBw

2. **Download Visual Studio Code**
   Step 1 : Go to https://code.visualstudio.com/
   Step 2 : Choose your system (Windows/Mac/Linux) and download Visual Studio Code

   You can watch any of these:
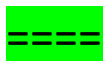   Free Video Resource (1) :
   https://youtube.com/watch?v=bN6DE-4uFNo
   Free Video Resource (2) :
   https://www.youtube.com/watch?v=luGaWH_Uf_Y (Mac users only) Free
   Video Resource (3) :
   https://www.youtube.com/watch?v=PhK98HN7W2c

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06: Html Level-1

Class1:

HTML 5

What is HTML?

HyperText Markup Language

↓

structure & formatting

What is HTML?

Normal Text

The 3 primary states of matter are - Solid, Liquid and Gas. Solid - these include materials like Iron (Fe). Liquid - these include materials like water (H2O). Gas - these include materials like oxygen (O2).

After HTML

The 3 primary states of matter are - Solid, Liquid and Gas.
- **Solid** - these include materials like Iron (Fe).
- **Liquid** - these include materials like water (H_2O).
- **Gas** - these include materials like oxygen (O_2).

Website->right click->page source .

Website -> right click -> inspect.

Inspect:
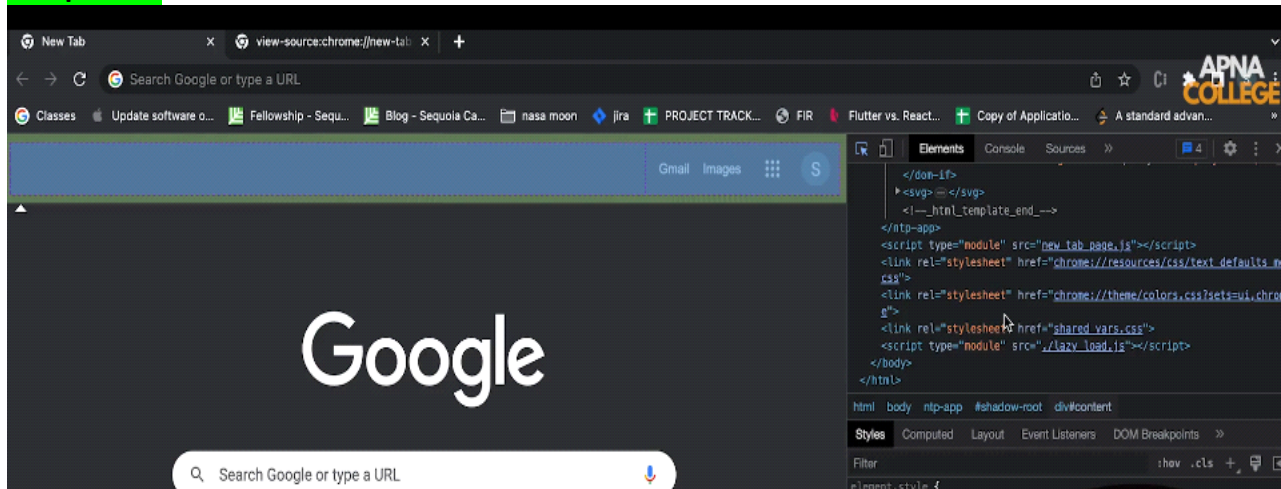
Class 2: Html element and Tags

Tags are: <p> </p>
<h1> hello </h1>

HTML Tags

A container for some content or other tags

`<p>` This is a paragraph `</p>`
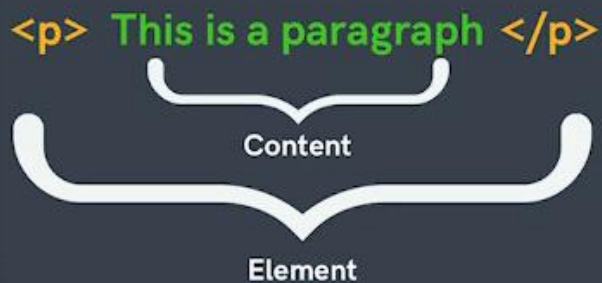
Content

Element

Html element : tags and content combination .

Class 3: hello world

Users > shradhakhapra > <> helloworld.html > ◈ p

```
1    <p>Hello World Shradha Khapra Apna College</p>
2
```

From inspect , we can see:

Class 4: paragraph element

Paragraph Element

The `<p>` HTML element represents a paragraph.

Note: `<p>`   tag can't take space more than 1.

```
sers > shradhakhapra > <> helloworld.html > ⬡ p
1    <p>
2      This is my first paragraph. This is my second paragraph.This is my first
3      paragraph. This is my second paragraphThis is my first paragraph. This is my
4      second paragraph
5    </p>
6
7    <p>
8      This is my first paragraph. This is my second paragraphThis is my first
9      paragraph. This is my second paragraphThis is my first paragraph. This is my
10     second paragraphThis is my first paragraph. This is my second paragraph
11   </p>
12
```
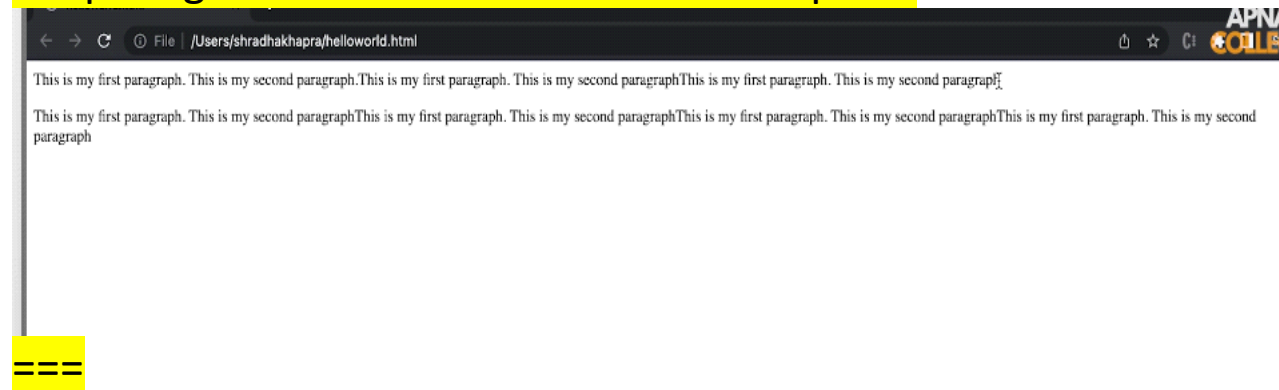
In `<p>` tag can't allow next line or extra space.

← → C ⓘ File /Users/shradhakhapra/helloworld.html

This is my first paragraph. This is my second paragraph.This is my first paragraph. This is my second paragraphThis is my first paragraph. This is my second paragraph

This is my first paragraph. This is my second paragraphThis is my first paragraph. This is my second paragraphThis is my first paragraph. This is my second paragraphThis is my first paragraph. This is my second paragraph

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Class 5: Heading Element

Heading Elements

The `<h1>` to `<h6>` HTML elements represent six levels of section headings.
`<h1>` is the highest section level and `<h6>` is the lowest.

`<h1>` abcd `</h1>`

```
1    <h1>Main Heading (Avengers)</h1>
2    <h2>Ironman</h2>
3    <h2>Thor</h2>
4    <h2>Hulk</h2>
5
6    <h3>small heading</h3>
7             abc Heading
```

Main Heading (Avengers)

Ironman

Thor

Hulk

small heading ▸

Every heading has default size, it can't change.

Class 6: practice question

Practice Qs 1

Recreate the given image using HTML tags.

Avengers

Iron Man

Also goes by the name **Tony Stark**

Captain America

Also goes by the name **Steve Rogers**

Hulk

Also goes by the name **Bruce Banner**

Practice Qs 1

Recreate the given image using HTML tags.


```html
<h1>Avengers</h1>
<h2>Iron Man</h2>
<p>Also goes by the name <b>Tony Stark</b></p>
<h2>Captain America</h2>
<p>Also goes by the name <b>Steve Rogers</b></p>
<h2>Hulk</h2>
<p>Also goes by the name <b>Bruce Banner</b></p>
```
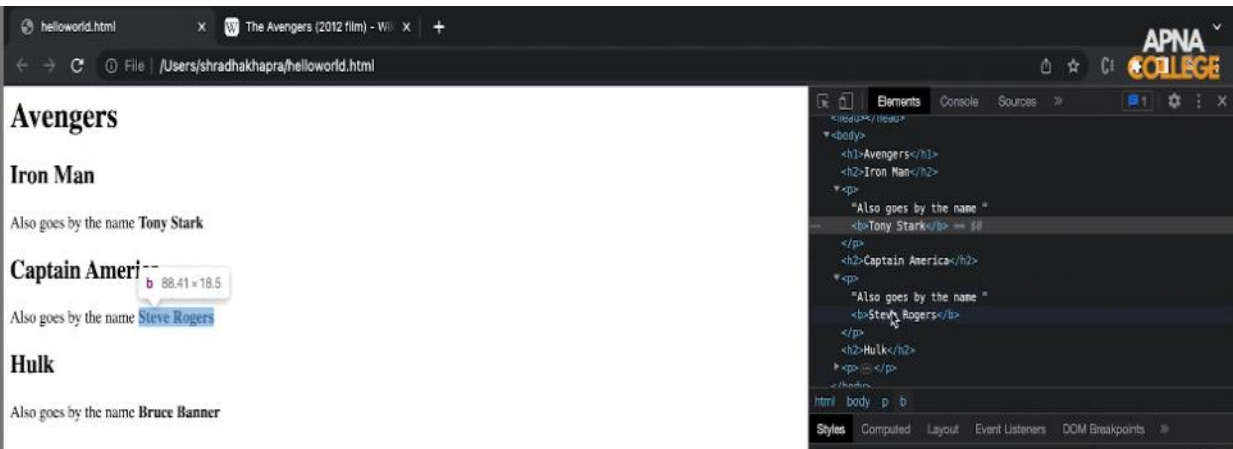
HTML Boilerplate

This is the standard format or skeleton of writing HTML Code.

```
<!DOCTYPE html>
<html>
    <head>
        <title>My First Page</title>
    </head>
    <body>
      <p>hello world</p>
    </body>
</html>
```

<!DOCTYPE html>   ====means we using html5 .

Head tag: link, extra information, meta data(extra data store)

Title tag: google search using title tag.(very important title tag)

Body tag: which I want to display in website.

```html
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>Document</title>
8   </head>
9   <body>
10
11  </body>
12  </html>
```

Meta information that can't show in the web site.

Indentation: means proper spacing. Proper spacing make proper Readable the code.

finish day-1