

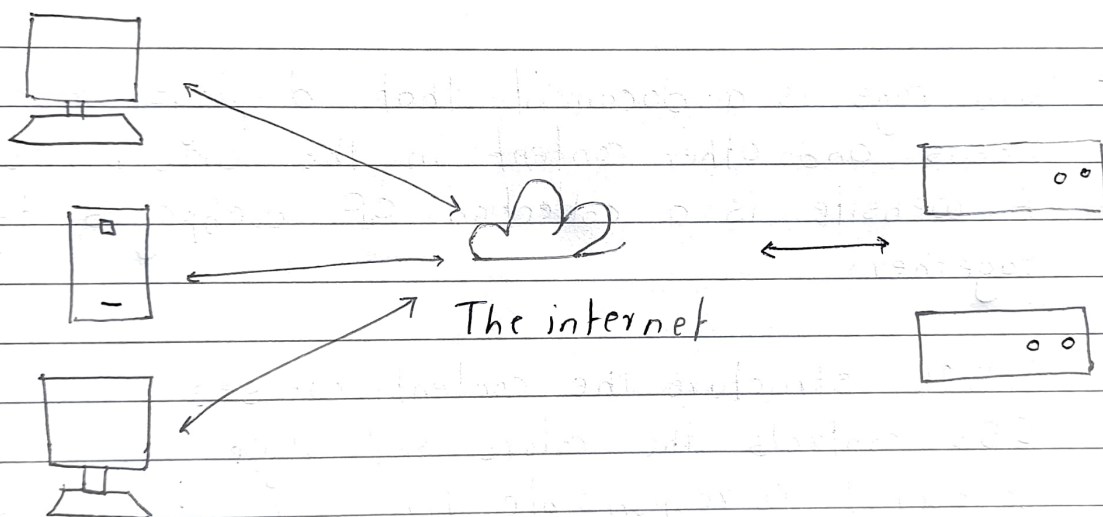
Day 1

★ Introduction to front-End development.

1) How the internet works?

5 A network is made up of at least two devices that connect and communicate via a wired or wireless connection. One network switch can connect to another switch to link two networks.

10 A no. of _____ interconnected network is also called as Internet.



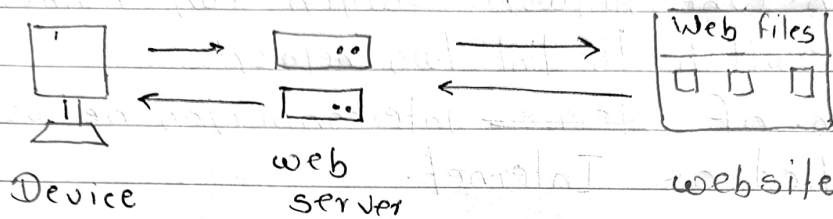
Clients

client-server model

25 A server is a computer that runs applications and services ranging from website to instant messaging.

30 It is called a server because it provides a service to another computer and its user also known as the client.

Web Server functions - website storage and administration
data storage
Security
Managing email
Web request



- * Web Page is a document that displays images, texts, videos and other content in the web browser.
- * A website is a collection of webpages that link together.

HTML structure the content we see
CSS controls the colors and style
Javascript is responsible for user interaction.

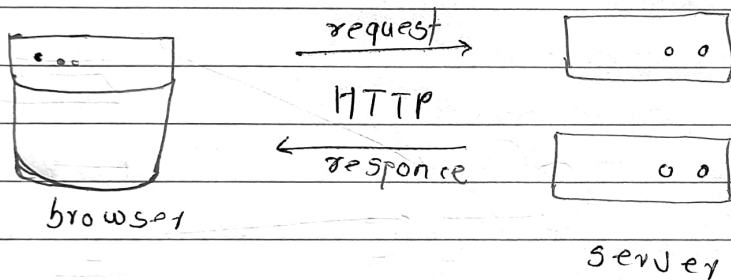
HTML - It stands for hypertext markup language, it works by using something called markup tags. These tags describe the content that is displayed in the browser window, this content can be things like heading, paragraphs, images and even multimedia elements such as audio and video. The way html describes the content is called as markup.

<h1> , <p> , , <audio> , <video>

CSS stands for cascading style sheets that adds visual enhancement like colors and layout to the web page, this is commonly known as styling. It works by enhancing the HTML elements and telling them how to display.

Javascript is the powerhouse of a web page. It has the ability to manipulate the content that you see on the screen as we interact with it.

★



Web Hosting is a service where we can place our website and files on the hosting companies web server.

Hosting Options -

- Shared hosting
- Virtual private hosting
- Dedicated hosting
- Cloud hosting

★ HTTP is a core operational protocol of the world wide web. It enables web browser to communicate with web server that hosts a website.

HTTP method - GET, POST, PUT, DELETE

↑ ↓ ↓ ↓
 retrieve send update remove

HTTP Status codes :-

Informational :- 100 to 199

Successful :- 200 to 299

Redirection :- 300 to 399

Client error :- 400 to 499

Server error :- 500 to 599

