Application /Softewer:

Types : Desktop app notepad.ms,office, code editor

Web application : flipkart, amazon, myntry,fb

Mobile app

Web apps development

How web app works

1. Cilent
2. Server

Noodles

Restaurant -> Server

Customer -> client

Web app -> live

Ip address : unique address of a device on a netowrk

192.168.10.13.1

Host a web app

Domain name : flipkart.com, amazon .com

Server & client

Server is just another computre system

It’s the server on Which a web app will be executeing Server will be containing your entire application

Browser (cilent)-> send a request to server

Server -> will accept and process the request , once processing is done then it will send a response

Devlopement on local machin -> host the app on server

End user-> browser -> server

Devlopement :

Two aspect are there for web devlopement:

1. **Frontend : UI -> display**

**HTML :** Structure of web page

Html is used to display data into web page

**CSS:** will Style a web page

**JS :** To perform operation on to the client side /browser

**React,Angular,Vue,**

1. **Backend**  : Database -> storage the data

Processing of data

Databases : MySql ,mongodb, postgre,sql,cassandra,etc

Process the data: C, C++, Java,Python,Php,.nat,Javascript

**Javascript :**

**Node js is an interpriter**

Regestation form:

Frontend : write login to display from with input fields,and one submit button

Backend: process the data -> store into database -> send a response to the client

Login form:

Frontend : To Display the fields for username password and button

Backend : valication of the received username and password from request with the db username and password

Every browser is having one component that execute the js code: JS Engine

Interepreter execute the code

Techincal Specifiation of Request And Responxes:

Regarding of the same technology we are using to devlop backend , the specification is going to remain the same

Specs for request:

1. We need a url to send a request (endpoint)
2. Mention the purpose for sending the request