**Angular**

* **Interface is anonymous screen which is entry point for application**
* **UI is to display the data**
* **Accessiblity will be given by Server(receive and send the data)for ex: Logging to FB uses same credentials if we login from mobile,TV,Browser,Tablet**
* **3rd component DB(store data)**

**Definition:**

🡪UI framework built by Google

🡪Initially AngularJS later angular 2.0..now only Angular 13

In this we use angular 12

**Framework:**

It contains set of libraries.(We can build on top of it)You can extend frameworks.

Ex: Angular, .Net, ExpressJS

**Libraries :**

🡪It performs specific operation

🡪we can **combine multiple libs to build apps**

Ex: React, MomentJS

**Features:**

1.Template

2.Data Binding

3. Forms

4.Routing

5.Observables

6. PWA – (In google right side small icon to save as native app)

**Typescript: (provide type safety)**

🡪Strongly typed programming language created and maintained by Microsoft

🡪Superset of Java script

**Angular:**

->to develop SPA Applications

**Datatypes:**

String, number, Boolean , array, enum , tuple, any, void, never

**Type Inference** – Without declaring datatype it automatically identifies

Ex: let age: number;

Age=25;

Age=’25’; - throws error

Ex:2 let name= “Bhargavi”;

Let new= name.uppercase();

**Arrays declartion:**

let empList : string[]; let numList: Array<number>;

empList= [“Raju”,”Rajini”] numList = [1,2,3,4,5];

let deptList : Array<string>; let results=numList.filter((num) =>num>2);

console.log(results);

tsc – compiles typescript code to javascript

1.What is difference between normally developing applications and Angular(SPA) applications?

-> Request is taken from server for every component like about us,index.html..which means every time need to refresh inorder to load data.(request go to server->full reload of application)

But in angular all the data is go to server and compile