**Angular:**

Framework

Open source

By google

Single page application - 1 header footer , whole page is not reloaded,refreshed

Angular js turned into angular

Supports multiple platform – web mobile appl

Angular cli

npm install -g @angular/cli

ng version

Ng new my-app= create new angular project directory

Ng serve runs on port 4200 – runs the development server in default port

ng g component session | ng g c session

ng serve --port 4201

Folder struct:

E2e – protractor

Node modules

Src - > app -> routing model, html, component.scss, specs(testing) ,ts(is a component ,logic code)

Component-.ts:

Has own template and style

Modules = Gripes pipes directives services

Lazy loading – only components that are required are loaded into server not all modules are loaded

Use scss stylesheet format advanced versions of css

Node js – handles package management required for angular

Inject other app into app – get the selector and put as opening and closing tag in app html

String interpolation

{{}}

Data binding

Component to dom =>

property[], binding

event() binding

Dom to component

Ng model – 2way binding comp to dom , dom to comp

Lifecycle hooks

Constructor

ngOnChanges – component changes

ngOninit

ngFor=”Let session of sessions”

ng g->genertate

DI –Dependency injection

Services – data shared across components, component interaction

ng g service session

Injectable – service class can be injected in any of components

Provided in – root , restrict where to provide the service

In our app inject services Constructor(service: servicesession){

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SESSION2

Directive allows to attach behaviour to dom

Structural directive add nd remove dom elemnts

\*Ngfor

\*Ngif

**\*Ngclass**

We Cant have multiple template binding in directive

Structural directive uses \* before

Attribute directive change the appearance, behaviour

Component directive

**Component interaction**

**@input parent data to child data**

**@output child data to parent data**

Pipe

{{session.name | uppercase}}

Date {{session.joined | date:’shortdate’}}

Currency

Observable

Subscriber notifier

This.emivalue.next()

This.emivalue.subsribe()

Unsubscribe()