Angular?

Angular is a framework for building SPA’s

Framework?

Library?

Terminology:

Template – Design

MetaData

Component – Function

Event Binding

Directive

How to Change the Version?

Npm uninstall -g @angular/cli

Npm clean cache –force

Npm install -g @angular/cli

Ng version

Creating a Project:

Ng new project-name

Ng serve / npm start

CSS Grid System / Template Design App.,

1. Css Design
2. Creating Components
3. Routing

Routing:

1. Static Page
2. Dynamic Page

Event Binding:

Event Binding is used to handle the events raised by the user actions. Like., button etc.,

Syntax: <element (event)=function()> </element>

Forms:

1. Template
2. Reactive

MultiFileUpload

Services,

RestApi

RxJs & Observables

Pagination

GetCurrentRoute

ToggleDiv

Directives

1. Component: They are the directive with a Template (view)
2. Structural: Can Change the DOM layout by adding & removing the DOM elements. All the Structural Directives represent \* symbol
3. Attribute:

Examples:

<!-- structural directives -->

<!-- \*ngFor -->

<tr \*ngFor="let customer of customers">

  <td>{{customer.customerNo}}</td>

</tr>

<!-- ngSwitch -->

<div [ngSwitch]="switch\_expr">

  <div \*ngSwitchCase="matchExpr1">cde1</div>

  <div \*ngSwitchCase="matchExpr2">cde1</div>

  <div \*ngSwitchCase="matchExpr3">cde1</div>

  <div \*ngSwitchDefault?></div>

</div>

<!-- ngIf -->

<div \*ngIf="cond">

  statements

</div>

<!-- attribute directives -->

<!-- ngModel -->

<input ngModel #firstName="ngModel" />

<input [(ngModel)] />

<!-- ngClass -->

<div [ngClass]="className"></div>

<!-- ngStyle -->

<div [ngStyle]="{'color': 'blue', 'font-size': '23px'}"></div>

Custom Directive

Pipes

Syntax; Expression | pipeOperator[:pipeArguments]

BuiltIn Pipes

Custom Pipes

Crud Operations

1. Creating the new Project
2. Added the bootstrap
3. Created the Post Module
4. Adding / Created the Components under Post Module
5. Setting Up the Routes into Post Router Module
6. Created the Interface

Create the Service.,

LazyLoading

Routing Guard