**ANGULAR 2**

**SERVICES:**

1. Create new file in app folder ( myservice.service.ts)

2. import Injectable from angular core

3. add decorator @Injectable

4. Install angular 3 filter and pipes for filtering operations

 (cmd)     npm install ng2-filter-pipe --save

5. Import Forms Module for calling the ngModel for form actions

6. Dont forget to add a providers[ myservicefile\_name] in app.component.ts

**myservice.service.ts**

import{Injectable}from'@angular/core';

@Injectable()

export class Myservice1Service

{

run()

{

return "Running";

}

jsondata:any;

myJson()

{

return this.jsondata=[

{name:"Guhan",age:27,mobile:9791815599,salary:18000},

{name:"Anbu",age:26,mobile:9566860804,salary:22000},

];

}

}

**app.module.ts**

import { BrowserModule } from '@angular/platform-browser';

import { NgModule } from '@angular/core';

import { AppComponent } from './app.component';

import{FormsModule}from'@angular/forms';

import{Ng2FilterPipeModule}from'ng2-filter-pipe';

@NgModule({

declarations: [

AppComponent

],

imports: [

BrowserModule,BrowserModule, FormsModule,Ng2FilterPipeModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

**app.component.ts**

import { Component } from '@angular/core';

import{Myservice1Service}from'./myservice1.service';

@Component({

selector: 'app-root',

templateUrl: './app.component.html',

styleUrls: ['./app.component.css'],

providers:[Myservice1Service]

})

export class AppComponent {

title = 'app';

x1:any;

x2:any;

searchData:any={name:'',age:'',mobile:'',salary:''}

constructor( private m1:Myservice1Service)

{

}

ngOnInit()

{

this.x1=this.m1.run();

this.x2=this.m2.myJson();

}

}

**app.component.html**

<div style="text-align:center">

<h1>

Welcome to {{ title }}!

</h1>

{{x1}}

<input [(ngModel)]="searchData.name" placeholder="Search by Name">

<table>

<tr><th>Name</th><th>Age</th><th>Mobile</th><th>Salary</th></tr>

<tr \*ngFor="let list of x2 | filterBy:searchData">

<td>{{[list.name](http://list.name/)}}</td>

<td>{{list.age}}</td>

<td>{{list.mobile}}</td>

<td>{{list.salary}}</td>

</tr>

</table>