**Hands-On Day-2 Sai Kumaravelu A.T.**

**916531**

**1.Component and Routing – Create View Employee Component**

**app-routing.module.ts**

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

import { RouterModule, Routes } from '@angular/router';

import {ViewEmpComponent} from '../app/view-emp/view-emp.component'

import { EditEmpComponent } from './edit-emp/edit-emp.component';

import { QuantityIncremenComponent } from './quantity-incremen/quantity-incremen.component';

const routes: Routes = [

{path:"",component:ViewEmpComponent},

{path:"edit",component:EditEmpComponent},

{path:"quantity",component:QuantityIncremenComponent}

];

@NgModule({

imports: [RouterModule.forRoot(routes)],

exports: [RouterModule]

})

export class AppRoutingModule { }

app.component.html

<h3>Angular learning <a routerLink="/">view Employee</a> <br><a routerLink="/edit">Edit Employee</a><br>

<a routerLink="/quantity">Quantity Increment</a>

</h3>

<router-outlet></router-outlet>

edit-emp.component.html

<p>edit-emp works!</p>

quantity-increment.component.html

<p>Simple Button click Event!!</p>

<button (click)="firstbutton()">Click Me</button>

<br>

<br>

{{result}}

<br>

<input type="text" value={{num}}><button (click)="Add()">add</button>

<br>

<br>

<input type="submit" value="sub" (click)="sub1()" [disabled]="flag"><input type="text" value={{addandsub}}><input type="submit" value="add" (click)="add1()">

quantity-increment.component.ts

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

@Component({

selector: 'app-quantity-incremen',

templateUrl: './quantity-incremen.component.html',

styleUrls: ['./quantity-incremen.component.css']

})

export class QuantityIncremenComponent implements OnInit {

public result:string="";

public firstbutton():void{

this.result="click me button clicked";

}

public num:number=0;

public Add():void{

this.num++;

}

public addandsub:number=0;

public flag:boolean=true;

public add1():void{

this.addandsub++;

if(this.addandsub>0){

this.flag=false;

}

else{

this.flag=true;

}

}

public sub1():void{

this.addandsub--;

if(this.addandsub>0){

this.flag=false;

}

else{

this.flag=true;

}

}

constructor() { }

ngOnInit(): void {

}

}

view-emp.component.html

<h1>Hello World</h1>

<h3>{{FavouriteMovie}}</h3>

<br>

<div>

<h3>{{Titles}}</h3>

<!-- <app-employee></app-employee> -->

<strong>Id:</strong>{{Id}}<br><br>

<strong>Name:</strong>{{Name}}<br><br>

<strong>Salary:</strong>{{Salary}}

<br><br>

<span \*ngIf="Permanent"><strong>Permanent:</strong>Yes</span>

<br><br>

<strong>Department Id:</strong>{{Department\_Id}}

<br><br>

<strong>Department Name:</strong>{{Department\_Name}}

<br><br>

<strong>Skills</strong>

<br><br>

<span><strong>Skill Id Skill Name</strong></span>

<ol type="1">

<li \*ngFor="let item of Skills">{{item}}</li>

</ol>

<strong>Date Of Birth: </strong>{{DateofBirth}}

<br><br>

**<!-- using pipes -->**

<h1>Using Pipes</h1>

<strong>Id: </strong>{{Id}}<br><br>

<strong>Name: </strong>{{Name}}<br><br>

<strong>Salary: </strong>{{Salary | currency:"INR"}}

<br><br>

<span \*ngIf="Permanent"><strong>Permanent:</strong>Yes</span>

<br><br>

<strong>Department Id: </strong>{{Department\_Id}}

<br><br>

<strong>Department Name: </strong>{{Department\_Name}}

<br><br>

<strong>Skills</strong>

<br><br>

<span><strong>Skill Id Skill Name</strong></span>

<ol type="1">

<li \*ngFor="let item of Skills">{{item}}</li>

</ol>

<strong>Date Of Birth:</strong>{{DateofBirth | date}}

</div>

view-emp.component.ts

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

@Component({

selector: 'app-view-emp',

templateUrl: './view-emp.component.html',

styleUrls: ['./view-emp.component.css'],

})

export class ViewEmpComponent implements OnInit {

title = 'hand1';

public FavouriteMovie: string = 'Lord of the Rings';

public Titles: string = 'Employee Details';

public Id: number = 1;

public Name: string = 'John';

public Salary: number = 10000;

public Permanent: boolean = true;

public Department\_Id: number = 1;

public Department\_Name: string = 'payroll';

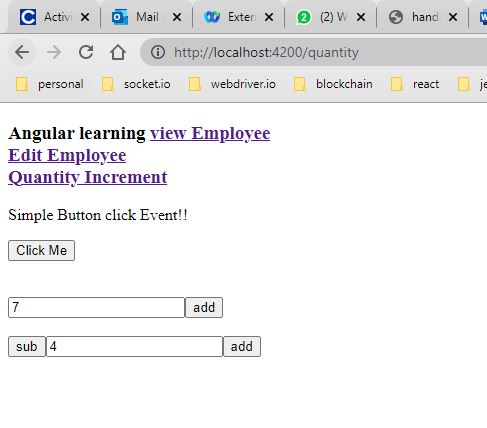
public Skills: string[] = ['Html', 'Css', 'JavaScripts'];

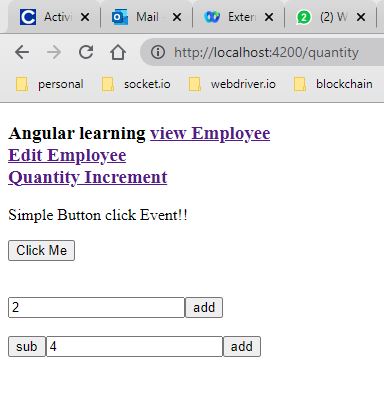
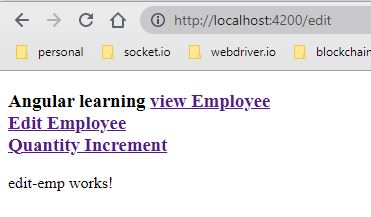
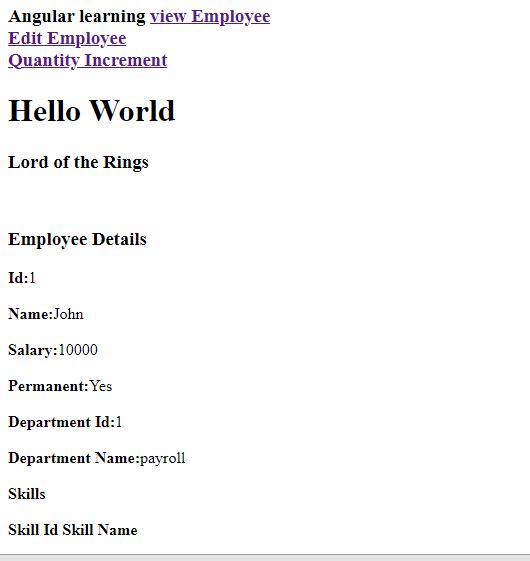
public DateofBirth: Date = new Date('12/31/2000');

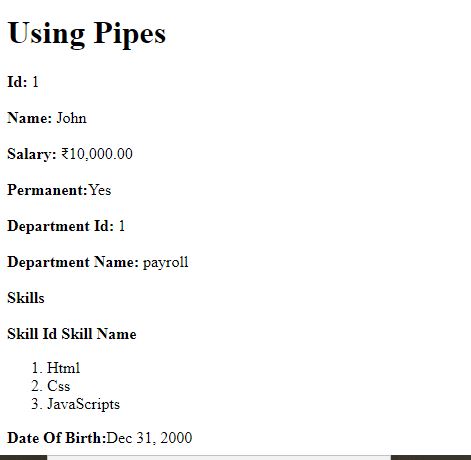
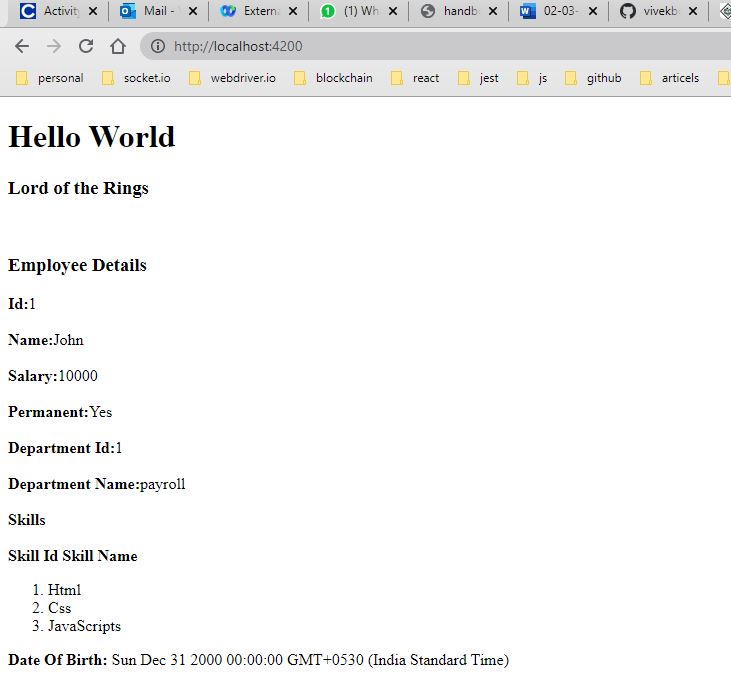
constructor() {}

ngOnInit(): void {}

}

**OUTPUT: **

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