app. component.ts

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

@Component({

  selector: 'app-root',

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

  styleUrls: ['./app.component.css']

})

export class AppComponent {

  title = 'angularwork';

   Movie:string="Lord Of The Rings";

}

app. component.html

<h1>Welcome</h1>

<b>Favorite Movie</b>: {{Movie}} <br>

<app-department></app-department>

Employee.ts

export interface Employee {

    id: number;

    name: string;

    salary: number;

}

Skill.ts

export interface Skill {

    skill\_id: number;

    skill\_name: string;

}

Department.ts

import {Employee} from './Employee';

import {Skill} from './Skill';

export interface Department extends Employee {

    deptId: number;

    deptName: string;

    skills: Skill [];

}

Component creation 🡪 ng g component Department

Department.component.ts

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

import {Department} from '../Department';

@Component({

  selector: 'app-department',

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

  styleUrls: ['./department.component.css']

})

export class DepartmentComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {

  }

  dep:Department={

    id:10,

    name:'giri',

    salary:40000,

    deptId:1,

    deptName:"HR",

    skills: [{skill\_id:122, skill\_name:"Java"},

    {skill\_id:123,skill\_name:"c"},

    {skill\_id:124,skill\_name:"c++"}]

};

perminant:boolean=false;

currentDate = new Date();

}

Department.component.html

<h1>Employee Details</h1>

<b>Employee Id</b>:{{dep.id}}<br/>

<b>Employee Name</b>:{{dep.name}}<br/>

<b>Employee Salary</b>:{{dep.salary |currency:'INR'}}<br/>

<div \*ngIf="perminant==true"> <b>Permenent:Yes</b>

</div>

  <div \*ngIf="perminant==false">

  <b>Permenent:No</b>

      </div>

    <b>Department Id</b>:{{dep.deptId}} <br/>

  <b>DepartmentName</b>:{{dep.deptName}}<br/>

<b>Skills</b>

<table>

    <tr>

      <th>Skill Id</th>

      <th>Skill Name</th>

    </tr>

    <tr \*ngFor="let depart of dep.skills">

      <td>{{depart.skill\_id}}</td>

      <td>{{depart.skill\_name}}</td>

  </tr>

  </table>

<b>Date Of Birth </b>: {{currentDate | date:'yyyy-MM-dd' | date:'full'}}<br/>

<b> Date Of Birth </b>:{{currentDate | date:'longDate' }}<br/>



