https://github.com/ImtiazVision/2058861\_Imtiaz\_Ahmed\_MEAN\_Stack/tree/main/Phase%202/Section%20End%20Project%203%20Task%20Tracker/types-of-directives/src/app

2058861\_Imtiaz\_Ahmed\_MEAN\_Stack

[2058861\_Imtiaz\_Ahmed\_MEAN\_Stack](https://github.com/ImtiazVision/2058861_Imtiaz_Ahmed_MEAN_Stack)/ Phase 2/Section End Project 1 Shopping Cart Management/ **Phase 2 Section End Project 2 Task Tracker WriteUps.docx**

Created the section end project Task Tracker with HTML, Bootstrap, Typescript, Angular.

Structure-directive.component.ts

import { Employee } from './../employee';

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

*// import { Employee } from '@angular/core';*

*// import { DataPipe } from 'angular/common';*

@Component({

  selector: 'app-structure-directive',

  templateUrl: './structure-directive.component.html',

  styleUrls: ['./structure-directive.component.css'],

*// providers: [DataPipe]*

})

export class StructureDirectiveComponent *implements* OnInit {

*// f1:boolean = false;*

*// f2:boolean = true;*

*// b1:string="show";*

*// flag:boolean= false;*

  stdNames:Array<string> = []

  Id:Array<string> = []

  Task:Array<string> = []

  Deadline:Array<string> = []

  employees:Array<Employee> = new Array();

  constructor() {

    let emp1 = new Employee(100,"Raj", 12000,"task",100);

    let emp2 = new Employee(100,"Raju", 15000,"task",100);

    let emp3 = new Employee(100,"Ramesh", 18000,"task",100);

    this.employees.push(emp1);

    this.employees.push(emp2);

    this.employees.push(emp3);

  }

  ngOnInit(): void {

  }

*// changeValue(){*

*//   this.f1 = true;*

*//   this.f2 = false;*

*// }*

*// toggle() {*

*//   if(this.flag){*

*//     this.flag = false;*

*//     this.b1 = "Show";*

*//   }else {*

*//     this.flag = true;*

*//     this.b1 = "Hide";*

*//   }*

*// }*

  addName(nameRef:any, idRef:any, taskRef:any,deadlineRef:any) {

    let name = nameRef.value;

    this.stdNames.push(name); *// adding dynamic names*

    let id = idRef.value;

    this.Id.push(id); *// adding dynamic ids*

    let task = taskRef.value;

    this.Task.push(task); *// adding dynamic tasks*

    let deadline = deadlineRef.value;

    this.Deadline.push(deadline); *// adding dynamic deadlines*

  }

}

Structure-directive.component.ts

<div>

*<!-- <h2>Task Tracker</h2> -->*

*<!-- <div \*ngIf="false">Welcome to ngIf</div>*

*<div \*ngIf="true">Welcome to ngIf</div>*

*<div \*ngIf="f1">Welcome to ngIf with f1 variable</div>*

*<div \*ngIf="f2">Welcome to ngIf with f2 variable</div> -->*

*<!-- <input type="button" value="click here" (click)="changeValue()"/> -->*

*<!-- <br/> -->*

*<!-- <input type="button" [value]="b1" (click)="toggle()"/> -->*

*<!-- <br> -->*

*<!-- <div \*ngIf="flag">*

*<h2>Welcome to Angular \*ngIf with event</h2>*

*</div> -->*

  <h4>To do Tasks</h4>

  <hr>

  Emp Id : <input *type*="text" *#nameRef*/><br/>

  Name : <input *type*="text" *#idRef*/><br/>

  Task : <input *type*="text" *#taskRef*/><br/>

  Deadline : <input *type*="text" *#deadlineRef*/><br/>

  <input *type*="button" *value*="Add" *(click)*="addName(nameRef)(idRef)(taskRef)(deadlineRef)"/><br/>

  <h2>All Employees name are provided below</h2>

  <ul>

    <li *\*ngFor*="let name of stdNames">{{name}}</li>

  </ul>

  <ul>

    <li *\*ngFor*="let id of Id">{{id}}</li>

  </ul>

  <ul>

    <li *\*ngFor*="let task of Task">{{task}}</li>

  </ul>

  <ul>

    <li *\*ngFor*="let deadline of Deadline">{{deadline}}</li>

  </ul>

  <hr>

*<!-- <div>*

*<p \*ngFor="let name of stdNames">{{name}}</p>*

*</div>*

*<hr> -->*

  <table border="1">

    <tr>

      <th>Id</th>

      <th>Name</th>

*<!-- <th>Salary</th> -->*

      <th>Task</th>

      <th>Deadline</th>

    </tr>

    <tr *\*ngFor*="let emp of employees">

      <td>{{emp.id}}</td>

      <td>{{emp.name}}</td>

*<!-- <td>{{emp.salary}}</td> -->*

      <td>{{emp.task}}</td>

      <td>{{emp.deadline}}</td>

    </tr>

  </table>

</div>

app.module.ts

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

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

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

import { StructureDirectiveComponent } from './structure-directive/structure-directive.component';

import { AttributeDirectiveComponent } from './attribute-directive/attribute-directive.component';

@NgModule({

  declarations: [

    AppComponent,

    StructureDirectiveComponent,

    AttributeDirectiveComponent

  ],

  imports: [

    BrowserModule

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }

app.component.html

<div>

  <h2>Task Tracker</h2>

  <app-structure-directive></app-structure-directive>

*<!-- <app-attribute-directive></app-attribute-directive> -->*

</div>