**Lesson09 for Loops & If Condition**

**Notes:-**

**1-on the my-component.component.ts write the following code**

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

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

@Component({

selector: 'app-my-component',

templateUrl: './my-component.component.html',

styleUrls: ['./my-component.component.css']

})

export class MyComponentComponent implements OnInit {

emp:Employee;

emplst:Employee[];

lst = ["M1","M2","M3","M4","m5"]

constructor() {

this.emp = {

Fname:"Mohammed",

Lname:"Nabil",

Age:23,

IsExist:true}

//we assign the array of object on the constructor

this.emplst =

[{

Fname:"Yosef",

Lname:"Ahmed",

Age:27,

IsExist:true

},{

Fname:"Talal",

Lname:"Ahmed",

Age:30,

IsExist:false,

},{

Fname:"Riyad",

Lname:"Isam",

Age:42,

IsExist:true

}]}

ngOnInit() {}}

**2-on the my-component.component.html write the following code**

<h1 class="title">

Welcome Admin

</h1>

<p>The Employees works under you are :</p>

<ul>

//we see that the we get the value and index of the array

//to get the index the syntax let I = index is static way

<li \*ngFor="let obj of emplst;let i = index">

{{i+1}} {{obj.Fname}} {{obj.Lname}} {{obj.Age}} </li>

</ul>

<br/>

<p>The String of the String Array</p>

<ul>

<li \*ngFor="let str of lst">{{str}}</li>

</ul>

**Lesson10 If Condition**

**1-to apply If condition , we use \*ngif statement to apply that**

//we put variable state of type boolean

<h1 \*ngIf="state" class="title">

Welcome Admin {{surname}}

</h1>

<p>The Employees works under you are :</p>

<ul>

<li \*ngFor="let obj of emplst;let i = index">{{i+1}} {{obj.Fname}} {{obj.Lname}} {{obj.Age}} </li>

</ul>

<br/>

<p>The String of the String Array</p>

<ul>

<li \*ngFor="let str of lst">{{str}}</li>

</ul>

**2-There are another way to apply If statement**

<!-- There are different way to apply the If Statement -->

<!-- 1-make seperate h1 element -->

<h1 \*ngIf="state" class="title">

Welcome Admin {{surname}}

</h1>

<h1 \*ngIf="!state" class="title">

Welcome Guest

</h1>

<!-- 2-use ng-template with if statment (we see that use anothername is the id of the ng-template)-->

<h2 \*ngIf='state;else anothername'></h2>

<ng-template #anothername><h2>Welcome Guest 2</h2></ng-template>

<!-- nother way is to use the below coding -->

<h3>{{state ? surname : "Welcome Guest"}}</h3>

<p>The Employees works under you are :</p>

<ul>

<li \*ngFor="let obj of emplst;let i = index">{{i+1}} {{obj.Fname}} {{obj.Lname}} {{obj.Age}} </li>

</ul>

<br/>

<p>The String of the String Array</p>

<ul>

<li \*ngFor="let str of lst">{{str}}</li>

</ul>

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

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

@Component({

selector: 'app-my-component',

templateUrl: './my-component.component.html',

styleUrls: ['./my-component.component.css']

})

export class MyComponentComponent implements OnInit {

state:boolean = false;

surname:string = "Sultan AbuAlhamid";

emp:Employee;

emplst:Employee[];

lst = ["M1","M2","M3","M4","m5"]

constructor(){

this.emp ={

Fname:"Mohammed",

Lname:"Nabil",

Age:23,

IsExist:true}

this.emplst =

[{

Fname:"Yosef",

Lname:"Ahmed",

Age:27,

IsExist:true

},{

Fname:"Talal",

Lname:"Ahmed",

Age:30,

IsExist:false,

},{

Fname:"Riyad",

Lname:"Isam",

Age:42,

IsExist:true

}]}

ngOnInit() {}}

**Lesson 20 Switch Statement**

**1-to apply the switch statement in the html page**

<div [ngSwitch]="state" >

<h1 \*ngSwitchCase="100">

Admin 1 {{surname}}

</h1>

<h1 \*ngSwitchCase="200">

Admin 2 {{surname}}

</h1>

<h1 \*ngSwitchCase="300">

Admin 3 {{surname}}

</h1>

<h1 \*ngSwitchDefault>

Guest

</h1>

</div>

<p>The Employees works under you are :</p>

<ul>

<li \*ngFor="let obj of emplst;let i = index">{{i+1}} {{obj.Fname}} {{obj.Lname}} {{obj.Age}} </li>

</ul>

<br/>

<p>The String of the String Array</p>

<ul>

<li \*ngFor="let str of lst">{{str}}</li>

</ul>

export class MyComponentComponent implements OnInit {

state = 300;

surname:string = "Sultan AbuAlhamid";

emp:Employee;

emplst:Employee[];

lst = ["M1","M2","M3","M4","m5"]

constructor() {

this.emp = {

Fname:"Mohammed",

Lname:"Nabil",

Age:23,

IsExist:true}

this.emplst = [{

Fname:"Yosef",

Lname:"Ahmed",

Age:27,

IsExist:true

},{

Fname:"Talal",

Lname:"Ahmed",

Age:30,

IsExist:false,

},{

Fname:"Riyad",

Lname:"Isam",

Age:42,

IsExist:true

}]}

ngOnInit() {}}