app.component.ts

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

@Component({

  selector: 'app-root',

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

  styleUrls: ['./app.component.scss']

})

export class AppComponent {

  title = 'myAngularApp';

  n1=0;

  n2=0;

}

app.component.html

<h2>Two-way Binding Example</h2>

<input type="number" [(ngModel)]="n1">

<input type="number" [(ngModel)]="n2">

<p> {{n1+n2}} </p>

app.modules.ts

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

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

import { AppRoutingModule } from './app-routing.module';

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

import { HomeComponent } from './components/home/home.component';

import { AboutComponent } from './components/about/about.component';

import { ContactComponent } from './components/contact/contact.component';

import {FormsModule} from '@angular/forms'

@NgModule({

  declarations: [

    AppComponent,

    HomeComponent,

    AboutComponent,

    ContactComponent

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    FormsModule

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }

app.component.ts

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

@Component({

  selector: 'app-root',

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

  styleUrls: ['./app.component.scss']

})

export class AppComponent {

  title = 'myAngularApp';

  Employee = [

    {"id":"1","employee\_name":"WdqBvFe","employee\_salary":"797","employee\_age":"36","profile\_image":""},

    {"id":"1925","employee\_name":"Menaka6","employee\_salary":"24501","employee\_age":"24501","profile\_image":""},

    {"id":"1969","employee\_name":"2381","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1970","employee\_name":"6132","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1972","employee\_name":"2022","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1973","employee\_name":"4604","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1976","employee\_name":"Shylu","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1977","employee\_name":"8221","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1981","employee\_name":"111test","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1996","employee\_name":"test-709","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1997","employee\_name":"test-654","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"1999","employee\_name":"test-127","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"2001","employee\_name":"test-301","employee\_salary":"123","employee\_age":"23","profile\_image":""},

    {"id":"2003","employee\_name":"1769","employee\_salary":"123","employee\_age":"23","profile\_image":""}

 ]

}

app.component.html

<ul>

    <li \*ngFor="let employee of Employee ">

        <h3>{{[employee.id](http://employee.id/)}}</h3>

        <p> {{employee.employee\_name}} </p>

        <p> {{employee.employee\_salary}} </p>

        <p> {{employee.employee\_age}} </p>

        <p> {{employee.profile\_image}} </p>

    </li>

</ul>

App.component.ts

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

@Component({

selector: 'Satya-App',

template: `<div style='color:blue' \*ngIf="true">You can See Satyaprakash....</div>`

})

export class AppComponent {

}

App.component.html

template: `<div style='color:blue' \*ngIf="true">You can See Satyaprakash....</div>`

Example for ngFor : Html Code

<!DOCTYPE html>

<html>

<head>

<title></title>

<meta charset="utf-8" />

<style>

table {

font-family: arial, sans-serif;

border-collapse: collapse;

width: 100%;

}

td, th {

border: 1px solid #dddddd;

text-align: left;

padding: 8px;

}

tr:nth-child(even) {

background-color: #dddddd;

}

</style>

</head>

<body>

<table align="center" border="1" cellpadding="4" cellspacing="4">

<thead>

<tr>

<th style="background-color: Yellow;color: blue">Code</th>

<th style="background-color: Yellow;color: blue">Name</th>

<th style="background-color: Yellow;color: blue">Gender</th>

<th style="background-color: Yellow;color: blue">Annual Salary</th>

<th style="background-color: Yellow;color: blue">Date of Birth</th>

</tr>

</thead>

<tbody>

<tr \*ngFor='let employee of employees'>

<td>{{employee.code}}</td>

<td>{{employee.name}}</td>

<td>{{employee.gender}}</td>

<td>{{employee.annualSalary}}</td>

<td>{{employee.dateOfBirth}}</td>

</tr>

<tr \*ngIf="!employees || employees.length==0">

<td colspan="5">

No employees to show in the page....

</td>

</tr>

</tbody>

</table>

</body>

</html>

Code Description

Here NgFor is used to display a list of items using repetitive loops that is data of employees class.

<tr \*ngFor='let employee of employees'>

<td>{{employee.code}}</td>

<td>{{employee.name}}</td>

<td>{{employee.gender}}</td>

<td>{{employee.annualSalary}}</td>

<td>{{employee.dateOfBirth}}</td>

</tr>

app.component.ts with NgSwitch implementation

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

@Component({

selector: 'Satya-App',

template: `<h2>{{title}}</h2>

<p \*ngIf="showElement">Show Element</p>

<div [ngSwitch]="inpvalue">

<p style='color:blue' \*ngSwitchCase="1">You have selected M S Dhoni</p>

<p style='color:blue' \*ngSwitchCase="2">You have selected Sachin Tendulkar</p>

<p style='color:blue' \*ngSwitchCase="3">You have selected Satyaprakash Samantaray</p>

<p style='color:red' \*ngSwitchDefault>Sorry! Invalid selection....</p>

</div>`

})

export class AppComponent {

inpvalue: number = 3;

}

Code Description

You can display one element from among several possible elements, based on a switch condition. Angular puts only the selected element into the DOM. Here we are using ngswitchcase to apply switch case and ngswitchdefault is for invalid selection. Using ngswitch directive we can show output by passing the value of inpvalue property in AppComponent class.