Angular pipe Example

There are two types of pipes are available with angular

1. Inbuilt pipe
2. Custom Pipe

INBUILT PIPE

Create new component

* ng g c pipe

goto>**pipe.component.ts** file

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

@Component({

  selector: 'app-pipe',

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

  styleUrls: ['./pipe.component.css']

})

export class PipeComponent implements OnInit {

  constructor(){}

  ngOnInit(): void {

  }

  name:string="My Name is Nikunj And i am a JAVA FSD Trainer";

  pi:number=3.1415927;

  a=0.12345;

  b=9876.5432;

  today=new Date();

  object ={name:"Nikunj",email:"nikunj@gmail.com",address:"Mumbai"};

}

Goto **pipe.component.html file** and add the below code

<h1>Pipe Examples</h1>

<div class="jumbotron">

    <div class="container">

        <h2>InBuilt Pipes</h2>

        <hr>

        <p><b>UPPERCSE DEMO:</b>{{name | uppercase}}</p>

        <hr>

        <p><b>lowercase DEMO:</b>{{name | lowercase}}</p>

    </div>

</div>

<div class="jumbotron">

    <div class="container">

        <h2>NUMBER Pipes</h2>

        <hr>

        <p><b>pi:</b>{{pi | number:'5.5-5'}}</p>

        <hr>

        <p><b>pi:</b>{{pi | number:'.3-3'}}</p>

        <hr>

        <p><b>pi:</b>{{pi | number:'.10-10'}}</p>

    </div>

</div>

<div class="jumbotron">

    <div class="container">

        <h2>CURRENCY Pipes</h2>

        <hr>

         <p><b>USD: </b>{{a | currency : 'USD':true :'3.3-3'}}</p>

         <hr>

         <p><b>USD: </b>{{a | currency : 'USD':false :'.3-3'}}</p>

         <hr>

         <p><b>EURO: </b>{{b | currency : 'EURO':true}}</p>

         <hr>

         <p><b>EURO: </b>{{b | currency : 'EURO':false}}</p>

         <hr>

         <p><b>INR: </b>{{a | currency : 'INR':true}}</p>

         <hr>

         <p><b>INR: </b>{{a | currency : 'INR':false :'4.4-4'}}</p>

    </div>

</div>

<div class="jumbotron">

    <div class="container">

        <h2>Date Pipes</h2>

        <hr>

        <p><b>Today is: </b>{{today}}</p>

        <hr>

        <p><b>Today is: </b>{{today |date}}</p>

        <hr>

        <p><b>Today is: </b>{{today | date : 'dd/MM/yyyy'}}</p>

    </div>

</div>

<div class="jumbotron">

    <div class="container">

        <h2>JSON Pipes</h2>

        <hr>

        <p><b>Without JSON Pipe:</b>{{object}}</p>

        <hr>

        <p><b>With JSON Pipe:</b>{{object | json}}</p>

    </div>

</div>

Goto>**app.component.html** and add the selector tag of pipecomponent as below

<h1>Form Validations</h1>

<app-register></app-register>

<app-service></app-service>

<app-directive></app-directive>

<app-pipe></app-pipe>

Save it and run the app





