**Phase-4 Practice Project: Assisted Practice -**

**8.PIPES**

**Source Code:**

**Pipes.component.html:**

<h1>Pipes Demo</h1>

<div class="jumbotron">

    <div class="container">

        <h2>Inbuilt Pipes demo</h2>

        <hr>

        <p><b>UPPERCASE 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">

        <h1>Currency Pipes</h1>

        <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':false}}</p>

        <hr>

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

        <hr>

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

        <hr>

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

    </div>

</div>

<div class="jumbotron">

    <div class="container">

        <h1>Date Pipes</h1>

        <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">

        <h1>JSON Pipes</h1>

        <hr>

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

        <hr>

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

    </div>

</div>

<div class="jumbotron" style="background-color: yellow;">

    <div class="container">

        <h1>Custom Pipes</h1>

        <p><b>Original String </b>{{cust}}</p>

        <p><b>Custom Pipe : </b>{{cust | changestring:' '}}</p>

        <hr>

        <p><b>Inbuilt & Custom Pipe : </b>{{cust | uppercase| changestring:' '}}</p>

        <hr>

    </div>

</div>

**Pipes.component.ts:**

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

@Component({

  selector: 'app-pipes',

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

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

})

export class PipesComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {

  }

  name:string="JAVA FULL STACK TRAINING";

  pi: number=3.1415927;

  a=0.12345;

  b=9876.5432;

  today=new Date();

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

    //custompipes

    cust:string="Welcome to the world of customPipes";

}

**OUTPUT:**







