Create new app

>ng new myapp

Create new component

>ng g c pipdemo

Goto app.compnent.html and delete the old code and prepare your own code

<h1>Pipe Demo</h1>

Goto pipcomponent.ts and copy the selector tag and add it to app.compnent.html file

<h1>Pipe Demo</h1>

<app-pipedemo></app-pipedemo>

Goto pipdemo.component.ts file

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

@Component({

  selector: 'app-pipedemo',

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

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

})

export class PipedemoComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {

  }

  name:string="My Name is Nikunj And I am 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 pipedemo.component.html

<h1>PipeDemo</h1>

<hr>

<h2>Inbuit-Pipedemo</h2>

<p>{{name | uppercase}}</p>

<p>{{name | lowercase}}</p>

<hr>

<h2>Numbber Pipes</h2>

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

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

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

<hr>

<h2>Currency Pipe</h2>

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

<p>{{ a | currency : 'INR':true:'5.4-4'}}</p>

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

<hr>

<h2>Date Pipes</h2>

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

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

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

<hr>

<h2>Without Json Pipe {{object}}</h2>

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<h2>With Json Pipe {{object | json}}</h2>

**CUSTOM PIPES**

Goto pipedemo.component.ts and add the below code

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

@Component({

  selector: 'app-pipedemo',

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

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

})

export class PipedemoComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {

  }

  name:string="My Name is Nikunj And I am 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"};

  cust:string="Welcome to the World of Custom Pipes"

}

Prepare new file names **‘custompipe.ts’**

import { Pipe, PipeTransform } from "@angular/core";

import { pipe } from "rxjs";

@Pipe({name:'changeString'})

export class CustomPipe implements

PipeTransform

{

   transform(value:string,Character:string){

       return value.split(Character).join("-")

   }

}

Register in **app.module.ts** file

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

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

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

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

import { changeColorDirective } from './changeColorDirective';

import { HighlightDirective } from './HighlightDirectives';

import { UserService } from './user.service';

import { PipedemoComponent } from './pipedemo/pipedemo.component';

import { CustomPipe } from './custompipe';

@NgModule({

  declarations: [

    AppComponent,

    changeColorDirective,

    HighlightDirective,

    PipedemoComponent,

    CustomPipe

  ],

  imports: [

    BrowserModule,

    AppRoutingModule

  ],

  providers: [UserService],

  bootstrap: [AppComponent]

})

export class AppModule { }

goto> **pipedemo.component.html** file

<h2>Custom Pipe Demo</h2>

<p>{{cust | changeString:' '}}</p>