CUSTOM PIPES

Prepare one string in **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"};

  //custom  pipe

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

}

Create new file **CustomPipe.ts**

Goto>src>app>rightclick>new>give name

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

@Pipe({name:'changestring'})

export class CustomPipe implements PipeTransform{

    transform(value: string, character:string) {

        return value.split(character).join("-");

    }

}

Now register the file in **app.module.ts** file

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

import { FormsModule,ReactiveFormsModule } from '@angular/forms';

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

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

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

import { ChangeColorDirective } from './ChangeColorDirective';

import { DataService } from './data.service';

import { DirectiveComponent } from './directive/directive.component';

import { HighLightDirective } from './HighLightDirective';

import { RegisterComponent } from './register/register.component';

import { ServiceComponent } from './service/service.component';

import { PipeComponent } from './pipe/pipe.component';

import { CustomPipe } from './CustomPipe';

@NgModule({

  declarations: [

    AppComponent,

    RegisterComponent,

    DirectiveComponent,

    ServiceComponent,

    ChangeColorDirective,

    HighLightDirective,

    PipeComponent,

    CustomPipe

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    ReactiveFormsModule,

    FormsModule

  ],

  providers: [DataService],//register service

  bootstrap: [AppComponent]

})

export class AppModule { }

now we are ready to use custom pipe in html component

Goto>**pipe.component.html** file

<div class="jumbotron">

    <div class="container">

        <h2>CUSTOM Pipes</h2>

        <hr>

        <p><b>Origional String:</b>{{cust }}</p>

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

    </div>

</div>

**Save it and check the output**

