

**To generate Service**

* ng g s data

**it will prepare two files**

1. **data.service.spec.ts**
2. **data.service.ts**

goto> **data.service.ts** file

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

@Injectable({

  providedIn: 'root'

})

export class DataService {

  constructor() { }

  getUser(){

    return {"fname":"Nikunj","lname":"Soni"};

  }

}

whenever the new things will be generated we need to register it with app.module.ts file

goto **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 { DataService } from './data.service';

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

@NgModule({

  declarations: [

    AppComponent,

    RegisterComponent

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    ReactiveFormsModule,

    FormsModule,

  ],

  providers: [DataService],//registered service

  bootstrap: [AppComponent]

})

export class AppModule { }

Now we can inject the service in any of the component that you had already prepared

Let’s prepare a new component

* ng g c service

goto>**service.component.ts** file and inject the service

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

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

@Component({

  selector: 'app-service',

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

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

})

export class ServiceComponent implements OnInit {

  title='service';

  user={"fname":'',"lname":''};

  //Dependency Injection of data Service

  constructor(private service:DataService) { }

  ngOnInit(): void {

    this.user=this.service.getUser();

  }

}

Save it.

Now you can consume this service in the component

Let’s consume the service in servicecomponent

Goto>**service .component.html** file

<h2>Service and Injectable Demo</h2>

<ul>

    <li>FirstName:{{user.fname}}</li>

    <li>LastName:{{user.lname}}</li>

</ul>

Don’t forgot to add selector tag **in app.component.html** file

<h1>Form Validation App</h1>

<app-register></app-register>

<app-service></app-service>

Similarly you inject same service in different components

**Save and check the output**

