Service and Injectables

Create new app

* ng new service-app

create component

* ng g c user

install bootstrap

* ng I bootstrap

edit style.css file

@import '../node\_modules/bootstrap/dist/css/bootstrap.min.css'

Create Service

* ng g s mydata

two files will be generated

1. mydataService.spec.ts
2. mydataService.ts

mydataService.ts file

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

@Injectable({

  providedIn: 'root'

})

export class MydataService {

  constructor() { }

  getUser(){

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

  }

}

Register the service in app.module.ts file in providers:[]

App.module.ts

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

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

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

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

import { UserComponent } from './user/user.component';

import { MydataService } from './mydata.service';

@NgModule({

  declarations: [

    AppComponent,

    UserComponent

  ],

  imports: [

    BrowserModule,

    AppRoutingModule

  ],

  providers: [MydataService],

  bootstrap: [AppComponent]

})

export class AppModule { }

goto any component that you want to inject the service

user.component.ts

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

import { MydataService } from '../mydata.service';

@Component({

  selector: 'app-user',

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

  styleUrls: ['./user.component.css']

})

export class UserComponent implements OnInit {

  title='service';

  user={"fname":'',"lname":''};

  //DI

  constructor(private service:MydataService){}

  ngOnInit(): void {

    this.user=this.service.getUser();

  }

}

Get the service value in html

User.component.html

<div class="container">

    <ul>

        <li>First Name: {{user.fname}}</li>

        <li>Last Name: {{user.lname}}</li>

    </ul>

</div>

Save and check the output

