Create a service in Angular

1. D:\ANGULARDEMOS\service>ng new serviceapp --no-standalone --routing --ssr=false
2. D:\ANGULARDEMOS\service\serviceapp>ng generate service Time
3. In time.service.ts file add the below code

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

@Injectable({

providedIn: 'root'

})

export class TimeService {

constructor() { }

getTime()

{

return new Date();

}

}

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

import { TimeService } from './time.service';

@NgModule({

declarations: [

AppComponent

],

imports: [

BrowserModule,

AppRoutingModule,FormsModule,ReactiveFormsModule

],

providers: [TimeService],

bootstrap: [AppComponent]

})

export class AppModule { }

1. In app.component.ts

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

import { FormBuilder, FormGroup, Validators } from '@angular/forms';

import { TimeService } from './time.service';

import { Time } from '@angular/common';

@Component({

selector: 'app-root',

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

styleUrl: './app.component.css'

})

export class AppComponent {

currentDate: string;

currentTime : string;

personFormGroup : FormGroup | undefined

constructor(private fb:FormBuilder,private timeService:TimeService){

this.personFormGroup = this.fb.group({

fname : ['Knowledge', Validators.compose([

Validators.required,

Validators.maxLength(5)

]

)]

})

this.currentDate = this.timeService.getTime().toLocaleDateString();

this.currentTime = this.timeService.getTime().toLocaleTimeString();

}

}

App.component.html add below code

<div>

<div>Current Date :{{currentDate}}</div>

<div>Current Time :{{currentTime}}</div>

</div>

Ng serve

You can see the output on browser

Current Date :24/11/2023

Current Time :11:49:20 am