

Service Creation and usage

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Service is similar to classes in angular which contains methods need to be re-used in multiple places.

ng generate service test

A new service must be added in providers in app.module.ts

```
import { Injectable } from '@angular/core';
@Injectable({
  providedIn: 'root'
})
export class TestService {
  printToConsole(arg){
    console.log(arg);
  }
  constructor() { }
}
```

//Usage of service

```
import { Component } from '@angular/core';
import { TestService } from './test.service';
@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'SecondProject';
  constructor(private svc : TestService){
    svc.printToConsole("Logging");
  }
}
```

//Providers will contain services used

```
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { ViewModule } from './view/view.module';
import { TestService } from './test.service';
@NgModule({
  declarations: [
    AppComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    ViewModule
  ],
  providers: [TestService],
  bootstrap: [AppComponent]
})
export class AppModule { }
```