

## \*\* Angular Services \*\*

To encapsulate data, making HTTP calls, or performing any task that is not directly related to data rendering / UI.

to make a service file using cli:-

```
> ng g service services/todos
```

↳ generates a todos.service.ts file inside services folder.

Note:-

At this point we should have noticed the .spec.ts files these files are for unit testing purposes and are to be used later some time.

\* What services files look like?

- exports a class :- with constructor and functions
- where it can be injected / used from.

```
@Injectable({  
  providedIn: 'root'  
})
```

↳ means a global service  
provided In: 'root' → can be used anywhere

```
@Injectable({  
  // nothing  
})
```

→ i.e. for a specific component.

In this case, we have to add provider in @component (decorator) of that specific component like this:

```
@component({  
  // ...  
  provider: [Service Name]  
})
```

↳ name of the service export

\* How to inject an service in a component:-

1. Go to the .ts file of that component:  
eg:- todos.component.ts

2. And in the class component, inject the service  
class . . . . . {  
 todoService = inject(TodoService)  
}

↳ service name