# 04 - Service Class

In Spring Boot, the Service Layer is responsible for processing business logic and interacting with the repository or other components when necessary.

- The @Service annotation is used to denote a class as a service provider, that allows Spring to detect and manage it as a bean in the application context.
- The Service Class is responsible for:
  - Containing the business logic of the application.
  - Processing and handling data.
  - Acting as an intermediary between the Controller and Repository layers.

#### **Example:**

### LaptopService.class

```
package com.telusko.app.service;

@Service
public class LaptopService {

public void add(Laptop laptop) {

System.out.println("method called");

}

public boolean isGoodForProg(Laptop lap) {

return true;

}
```



### Laptop.class

```
package com.telusko.app.model;

@Component
public class Laptop implements Computer {

public void compile() {

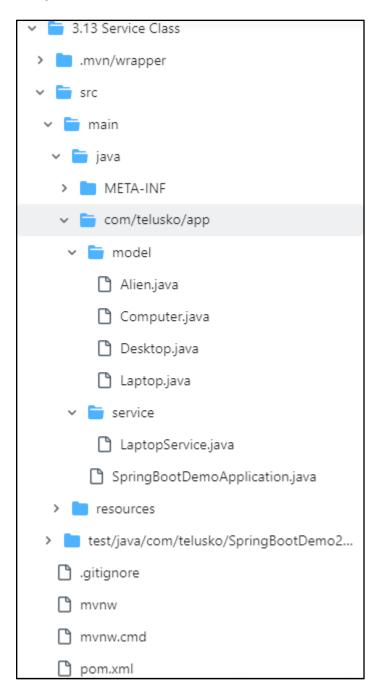
System.out.println("Compiling in Laptop");

}
```

### SpringBootDemoApplication.class



### **Project Structure:**



## **Code Link:**

https://github.com/navinreddy20/spring6course/tree/c6690e4f2c70d8f530d70623f13d14ff0ffd7e7d/3.2%20Moving%20to%20Spring%20 Boot%20(3.10%20to%203.14)/3.13%20Service%20Class

