161: Spring to Spring Boot:

In case of Spring Boot we doesn't have to do all the configurations which we are doing even without that it will work because of the @SpringBootApplication Annotation.

162:

Major advantage when moving from Spring to Spring Boot will be we have do to lesser amount of configurations in Spring Boot when compared with Spring.

- All the annotations which we used in a Spring Project, also applicable in Spring Boot.
- the biggest advantage you get here you don't have to do lot of configuration

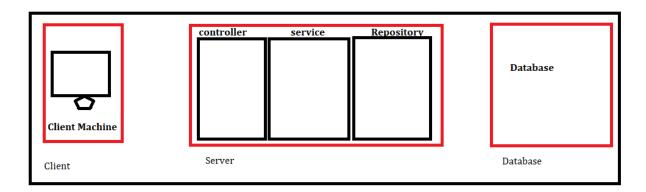
For Spring Boot Project Creation refer Spring initial Lecture word document from Page 3:

$@SpringBootApplication\ Annotation:\\$

Indicates a <u>configuration</u> class that declares one or more <u>@Bean</u> methods and also triggers <u>auto-configuration</u> and <u>component scanning</u>. This is a convenience annotation that is equivalent to declaring @SpringBootConfiguration, @EnableAutoConfiguration and @ComponentScan.

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163:Different Layers:



In General in any application we will be having multiple layers.

Controller: Controller job is to only work with the request, so whatever request you send from the Client. And if you want someone to handle that, you will do it with help of Controller. Now, Controller says, "My only job here is to accept the request and send data back.

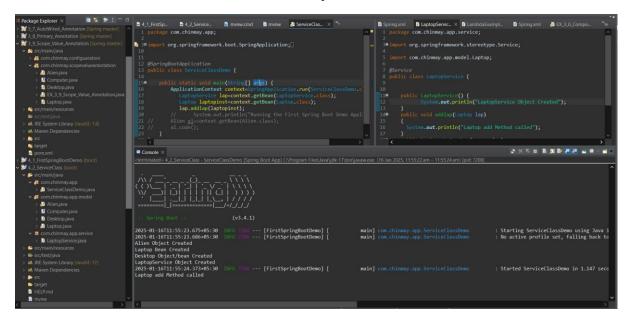
Service Layer: Service is a layer who is responsible to do any kind of processing.

Repository Layer: (DAO Layer): Database Access Object: this is a layer who is responsible to interact with Database, get the data, give it to the Service. Now, Service will do some processing on that, and then give the data back to the Controller.

164: Service class:

Service annotation does same thing as @Component Annotation. But if we use @Service it increases the readability that this class is Service class .

Even if we provide @Component Annotation there would be no issue. But providing @Service Annotation increases the readability.



165:Repository Layer:

Repository Layer is responsible for any JDBC operations.

We will be having different layers so that it will be easier to manage when working with large projects.

Even if we provide @Component Annotation there would be no issue. But providing @Repository Annotation increases the readability mentioning that this is Repository Layer.

Ex: 4_3_Repository_Layer