**Spring Boot Annotations**

**@SpringBootApplication**

* Firstly it use to mark java class as starting point of application
* And also this annotation is equivalent to three annotation which is

**@EnableAutoConfiguration + @ComponentScan + @Configuration**

* Now in **@EnableAutoConfiguration** will Enable the Auto configuration means it will Automatically Configure if any Spring configuration based on the Jar dependency If any present in classpath so it will auto configured in our project.(We can use attribute “**exclude**” for exclude the specific auto configuration)
* For Example if we found spring-boot-starter-web Dependency in pom.xml then Spring boot application will automatically configure the web application context and JPA persistence context.
* **@ComponentScan** this is just a simple annotation where it will scan our All the Components is present in Specified package for example it will scan like @Component, @Service, @Repository and @Controller and then it will register as a Bean in Spring Application Context.
* If we need to scan out of the package so in that case we need to add

@ComponentScan(basePackage = {“otherPackageComponent”}) ) in our Configuration class.

* **@Configuration** will help us to identifying Beans or class which will returning Beans for Spring Dependency Injection which will manage by the IOC Container. **In simple word this Annotation marks a class as source of Bean Definition.**

**@Bean**

* It will tell us this will returning the Bean to be managed by Spring Container.

**@Component**

* This annotation will tell us to this class is the Component which will manage by spring and we will use it with autowiring.

**@Autowired**

* This annotation is provide a feature which we can achieve Dependency Injection Automatically.
* It will inject automatically the Object for Spring Container by matching type of this particular Object.

**@Component**

* **@Controller**
* **@Service**
* **@Repository**

**@Controller**

This Annotation will use for define the class as component which will used a Restful web service to handle Requests and Responses.

**@Service**

This Annotation will use for define the class as component which will used for Service Layer.

In Simple meaning this annotation is use for having the Business Logic of the application it this Specific Class.