**Day 20:**

**IOC and DI Using annotation**

**@Component** : This annotation we can use on class level. This is generic annotation mainly use for POJO class.

**@Autowired :** This annotation we need to use on property level. Mainly complex property.

By default @Component annotation is not enable. We can enable using

1. xml file
2. using configuration class with few more annotation.

**@Value** : this annotation we use on property level to set initial value.

**@Scope** : this annotation to set the scope. By default singleton

Pure annotation base DI

We need to create configuration class with @Configuration annotation. This class is replacement of beans.xml file. @configuration also class level annotation.

@ComponentScan : it is class level annotation which help to enable @Component annotation. It is equal to **<context:component-scan base-package=*"com"*></context:component-scan>** tag.

**Using spring IOC and DI with XML and annotation base configuration to improve model layer with JDBC.**

JavaBean

Service class

Dao class

Resource class