**Day 24:**

**Spring boot** : Spring boot is another module which help to develop spring projects. Using spring boot, we can bootstrap for all spring modules

Using spring boot we can develop Rapid Application development for spring module.

Spring boot = all spring modules – no xml file + few annotation + in build embedded server ie tomcat,

Spring boot itself is core java or standalone project which help to create any type of project. Means spring boot contains main class.

Spring boot main components

1. Spring boot starter: spring boot starter help us to download all required jar file base upon type of project we develop. It is a type of dependencies merge with more than related dependencies.

Web starter

JDBC starter

JPA starter

Security starter

Testing starter

Etc.

Spring boot with maven: pom.xml file (pom is part of maven not a part of spring )

Spring boot with gradle : xml less.

1. Spring boot auto configuration : base upon type of starter we added in project. Spring boot automatically inject those resources in our projects.

Spring boot project one main annotation

@SpringBootApplication = @ComponentScan + @Configuration + @AutoConfiguration.

This annotation we need to write in main class. class level annotation.

Inside main method

SpringApplication.run(MainClassName.class,args); to lunch the application.

View 🡪 JSP

Spring boot provided another view technologies is thymeleaf. It is as server side scripting view java base technologies.

It is like a html but dynamic and light weighted server-side html base technologies.

<https://start.spring.io/>

Creating spring boot with spring initializer

