**API End Points and Communication**

**Day 9: 13 March 28**

**Spring boot:** Spring boot another type of spring module which help to bootstrap for all spring modules. Spring boot is a standalone or core java project which help to develop any type of application. It is a production ready application.

Spring boot = all spring modules – no xml file(beans.xml or dispatcher-servlet.xml) + few annotation + in build embedded web server ie tomcat

Spring boot components

1. Spring boot starter: spring boot starter provide different type of dependencies which help to download set of jar file base upon type of project we are developing.
2. Spring boot auto configuration : base upon type of starter we added spring boot provide default configuration for us.

No xml file. But if we need to do any configuration like database in spring boot we use application.properties or application.yml

Spring boot provided one of the pre defined annotation

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

@SpringBootApplication entry of the application

public class Demo {

public static void main(String args[]) {

SpringApplication.run(Demo.class,args); start the project.

}

}

Spring boot doesn’t provide servlet and jsp features.

Spring boot provide another view technology as thymeleaf.

Thymeleaf is a server side scripting language. It is a like a html but we can do dynamic task.

Please add thymeleaf starter

Spring boot search all view pages inside templates part of resource folder.

Creating spring boot project using below URL.

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



