**Sprint Boot Explanation and Configuration for Basic Web Project**

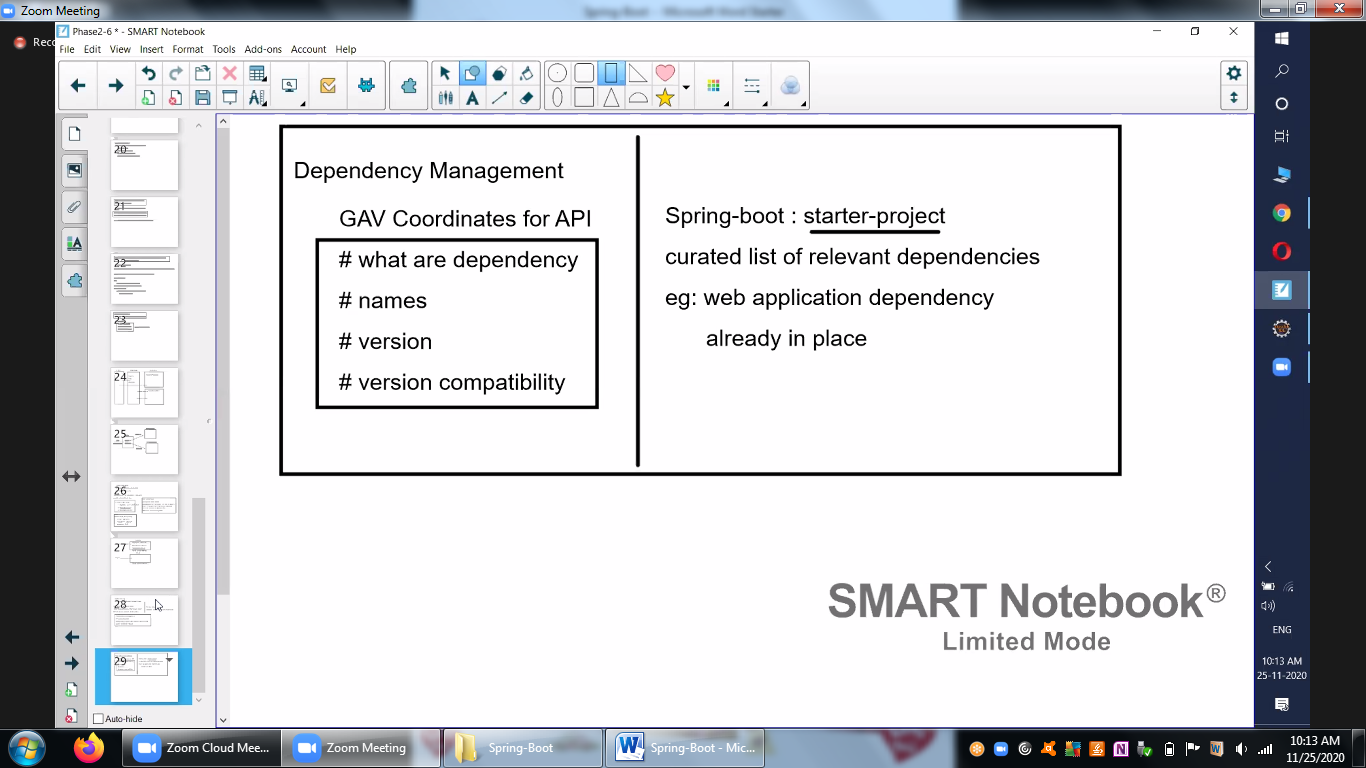
**Existing Maven approach and Spring Boot approach for GAV coordinates**

Just 1 GAV co-ordinate will take care of the entire dependencies

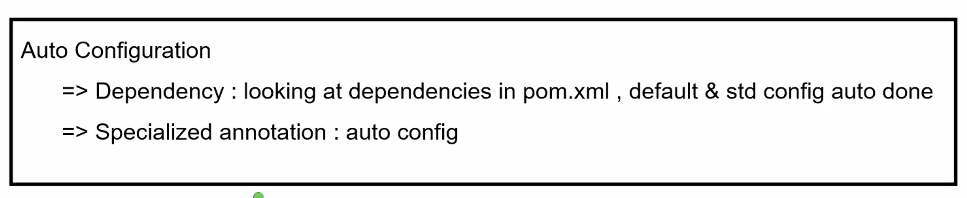
For Web – only 1 GAV co-ordinate

For Spring Security – only 1 GAV co-ordinate

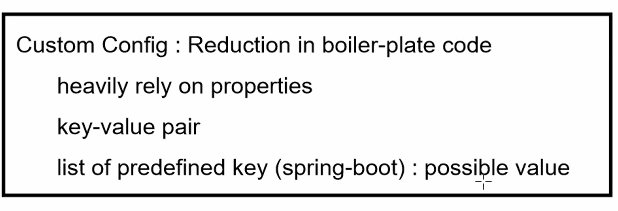
For DB Sprint Security – only 1 GAV co-ordinate etc.



**Auto Configuration**

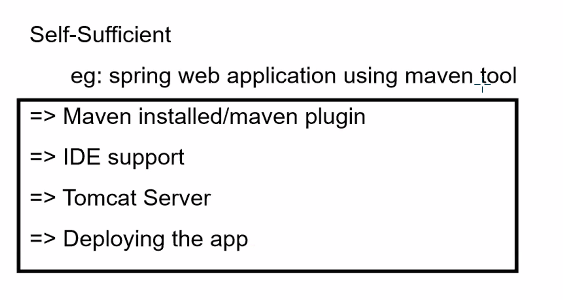


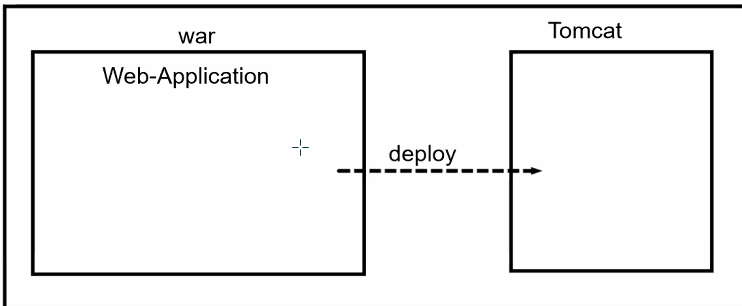
**Properties file is a key feature for Spring-Boot**



**Self-Sufficient**

**Current Approach**

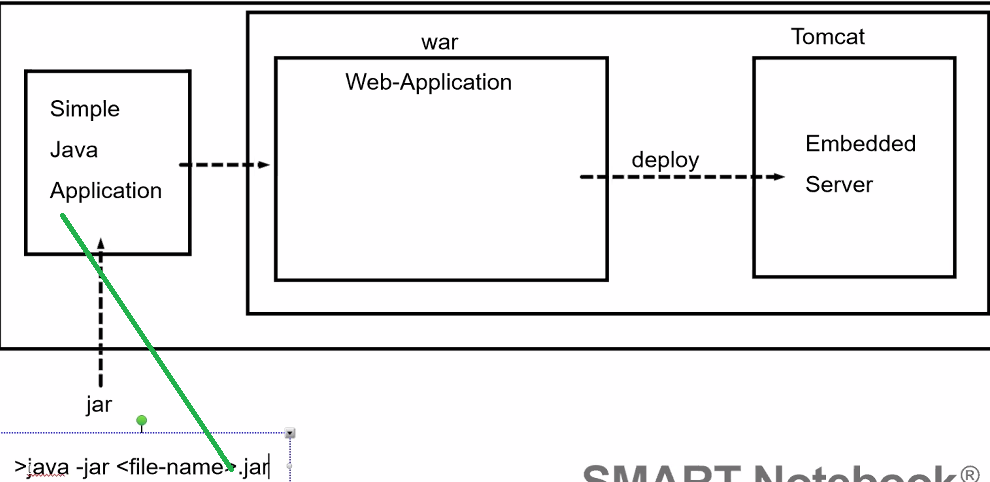


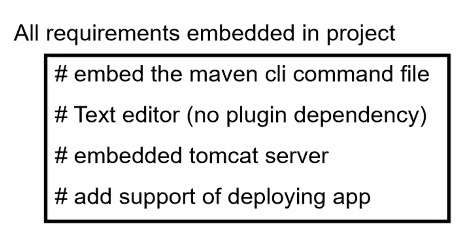
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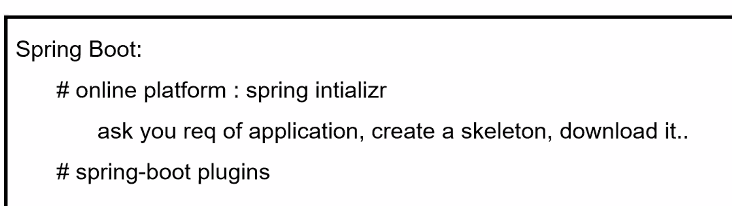
**Spring-Boot Approach**

Independent and help us to get all the things to get easily, Most of them are in-built

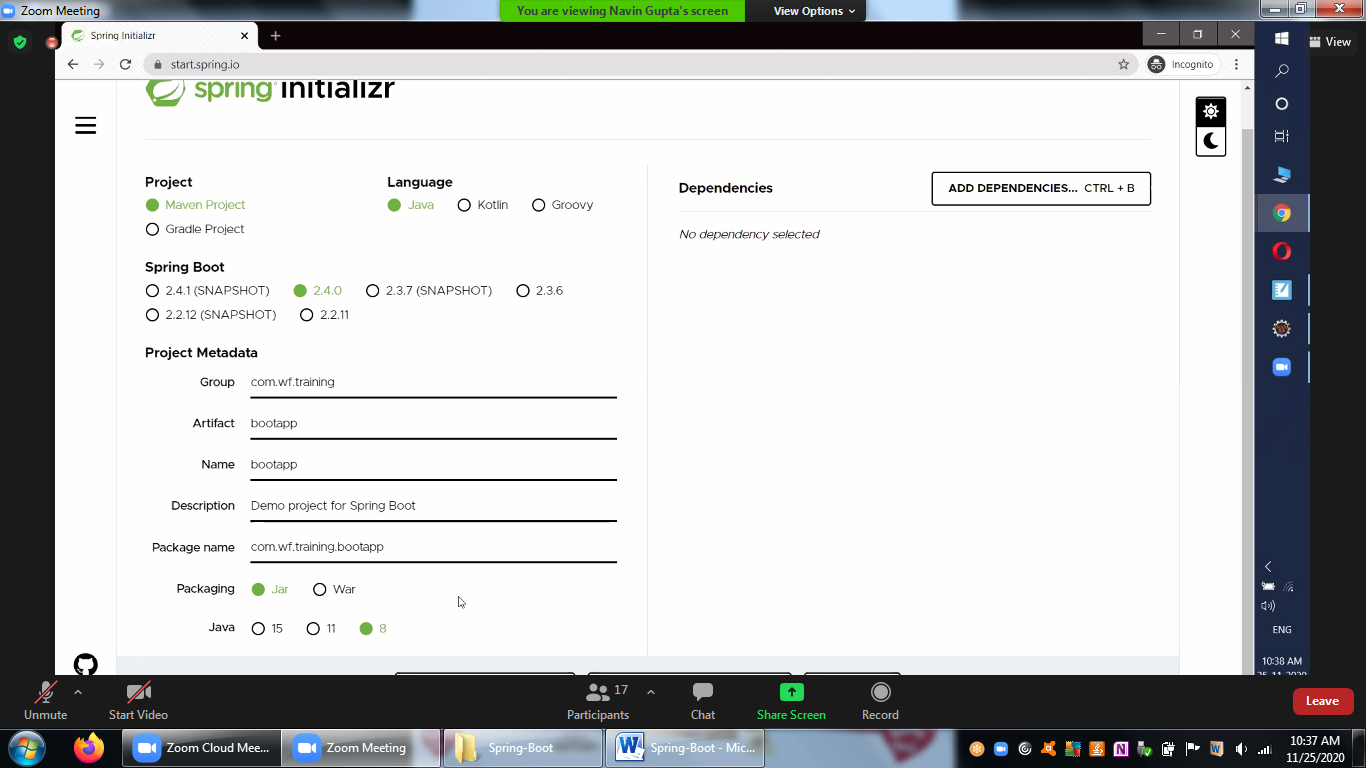
Simple Java file will take care of all the aspects



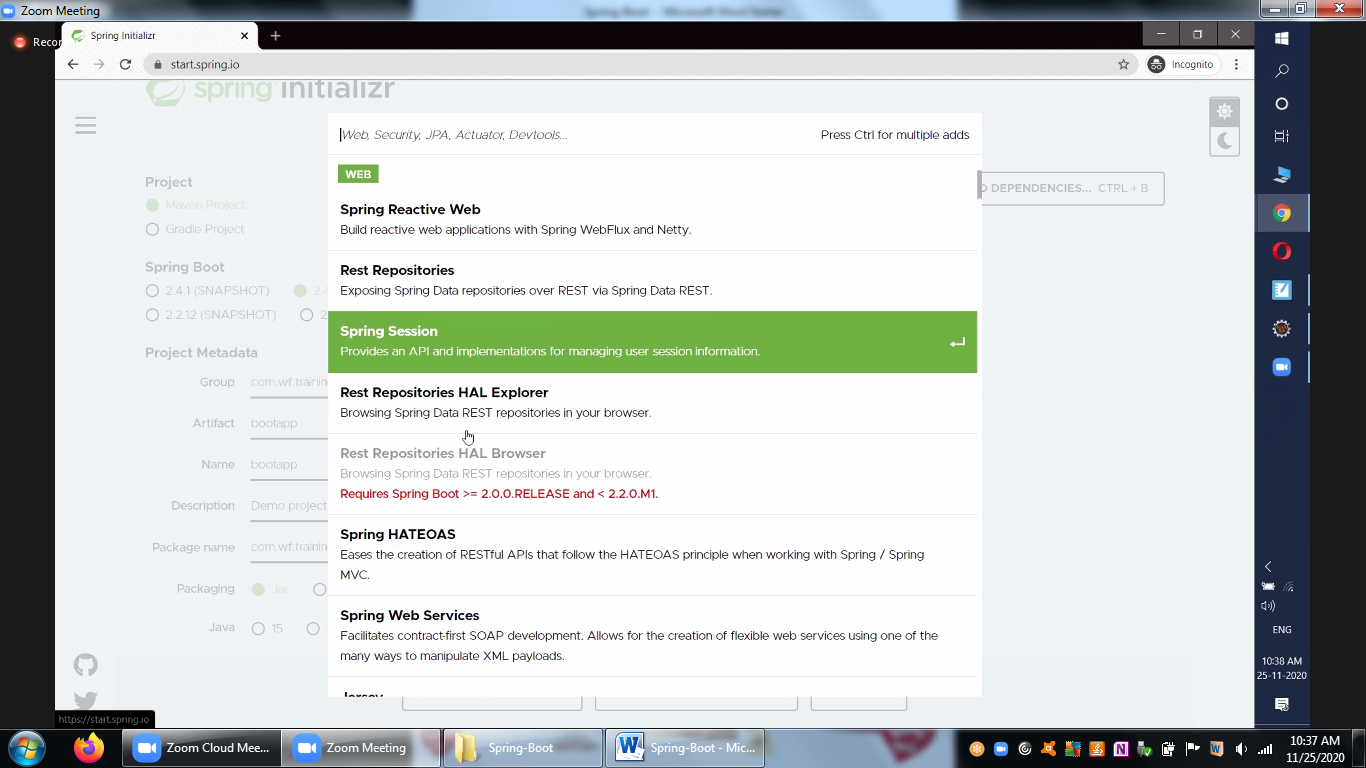




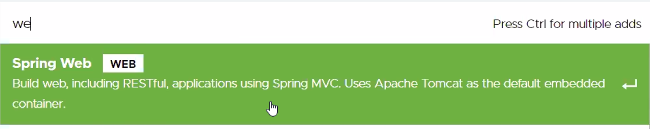
Online Spring platform

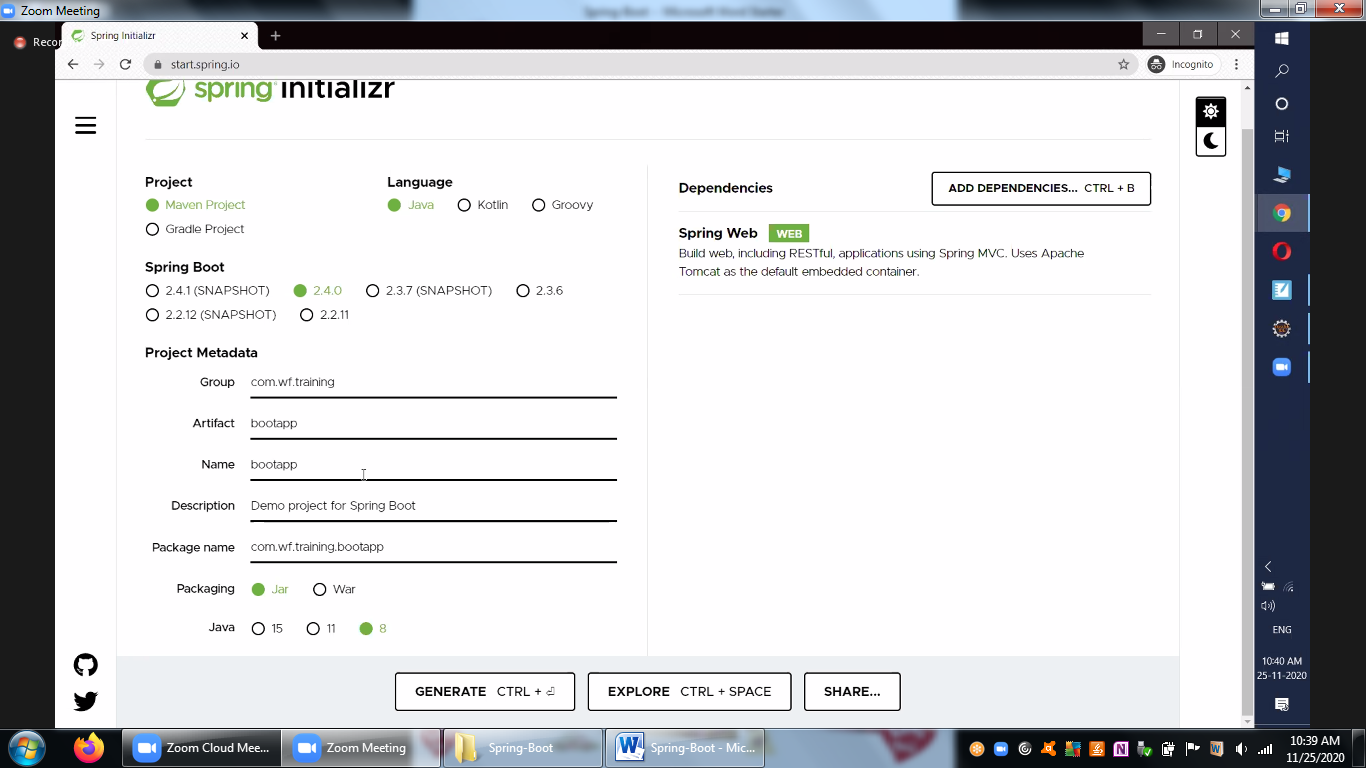


Click on the Add Dependencies

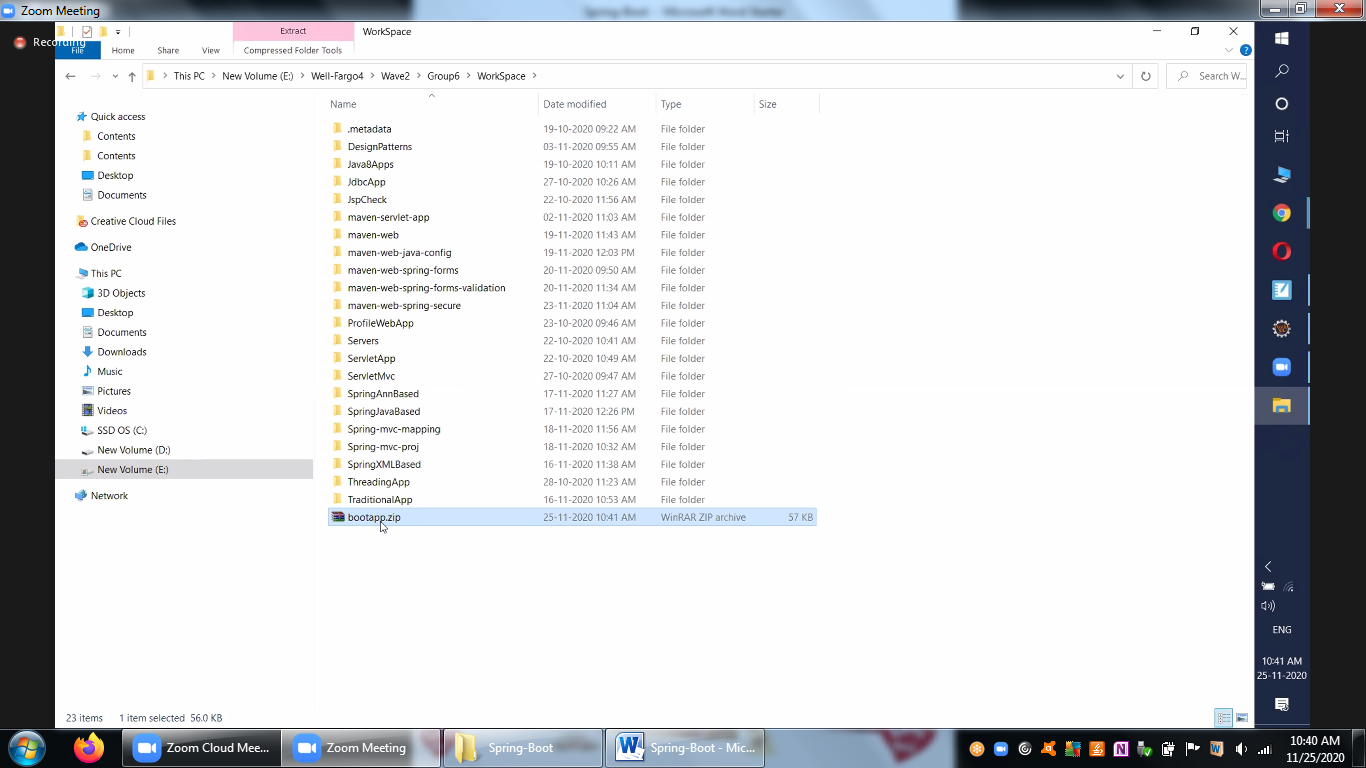


Select Web project and add as dependency

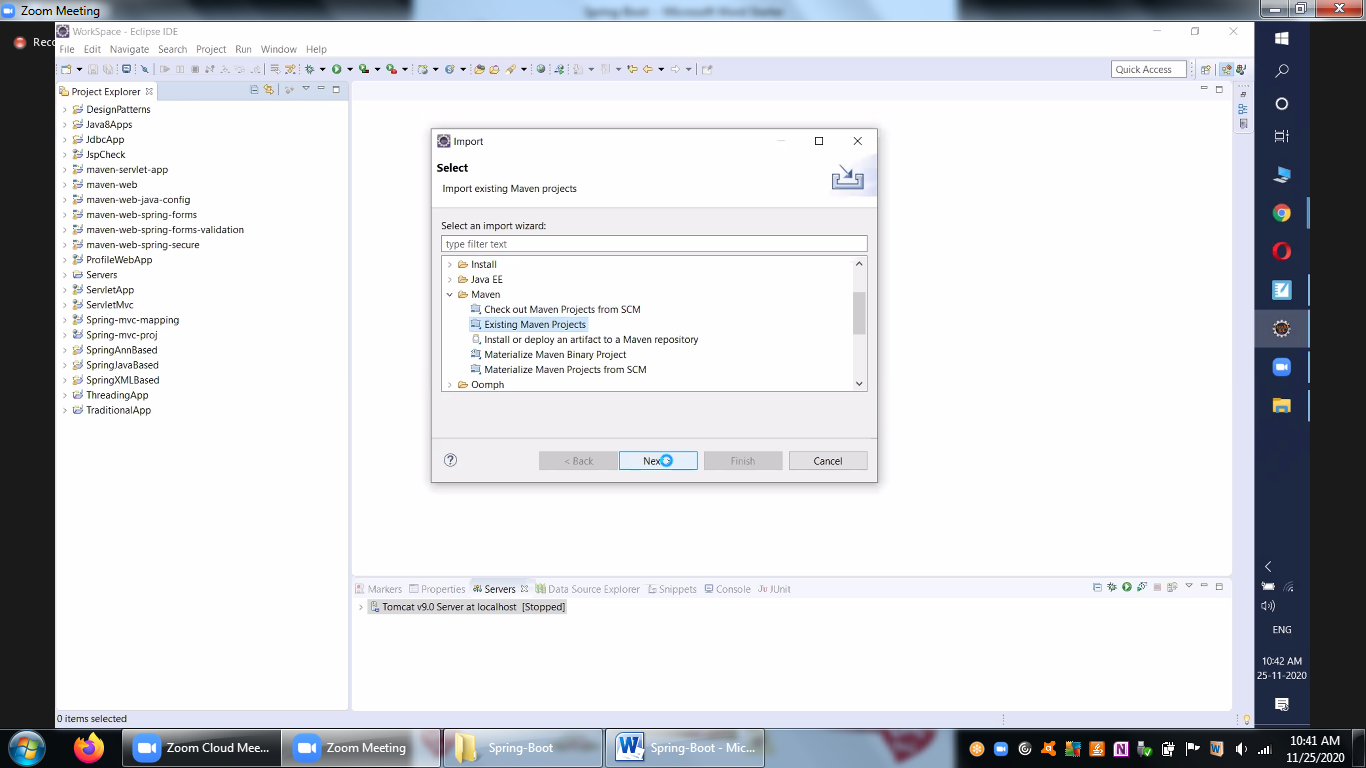


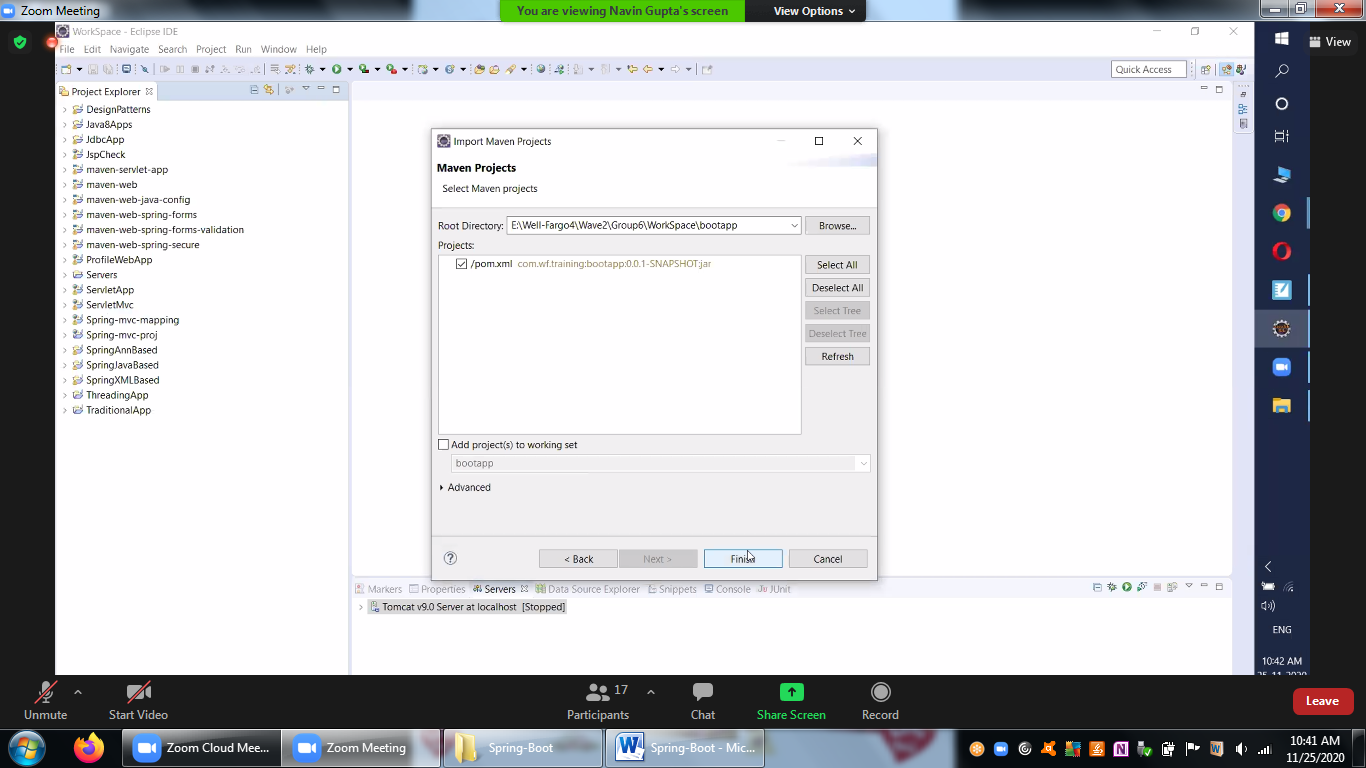


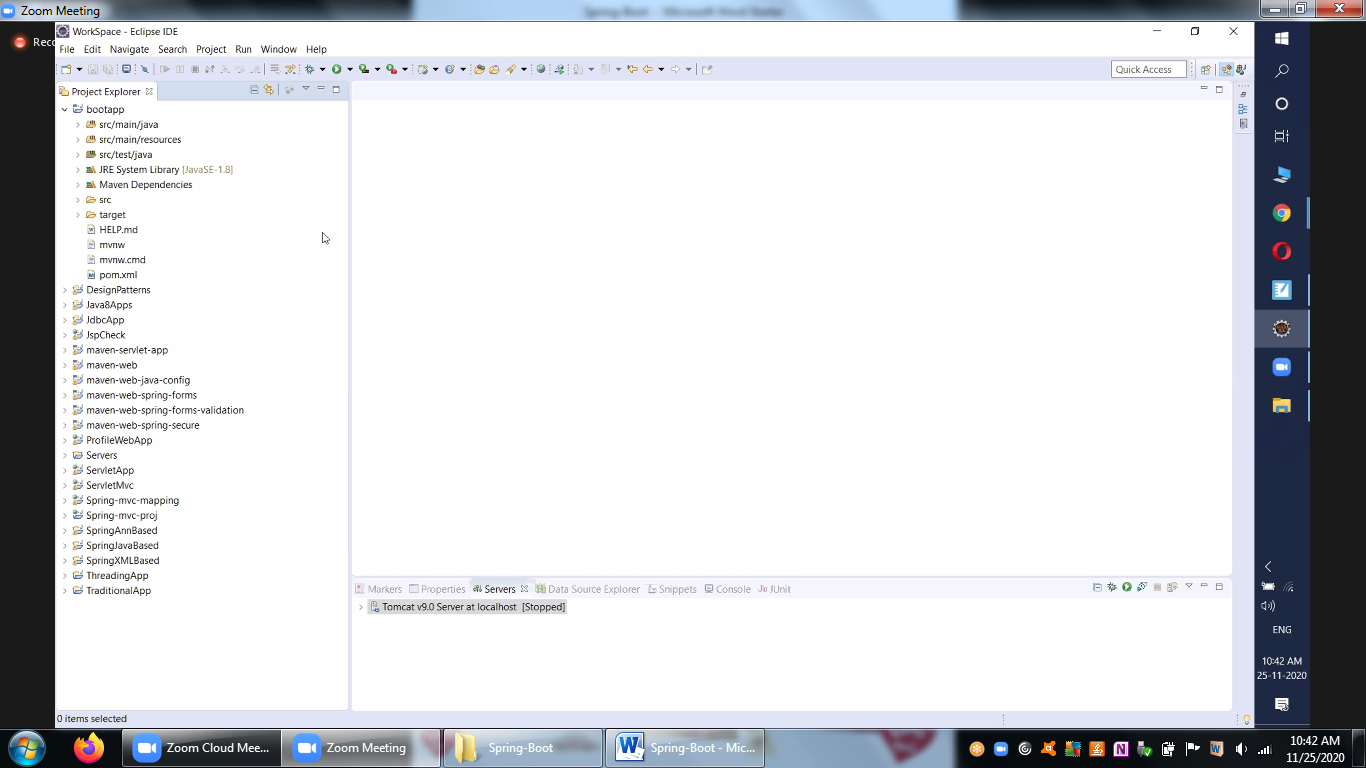
Click on the Generate CTRL and Place it in the workspace as below



Import as Maven Project

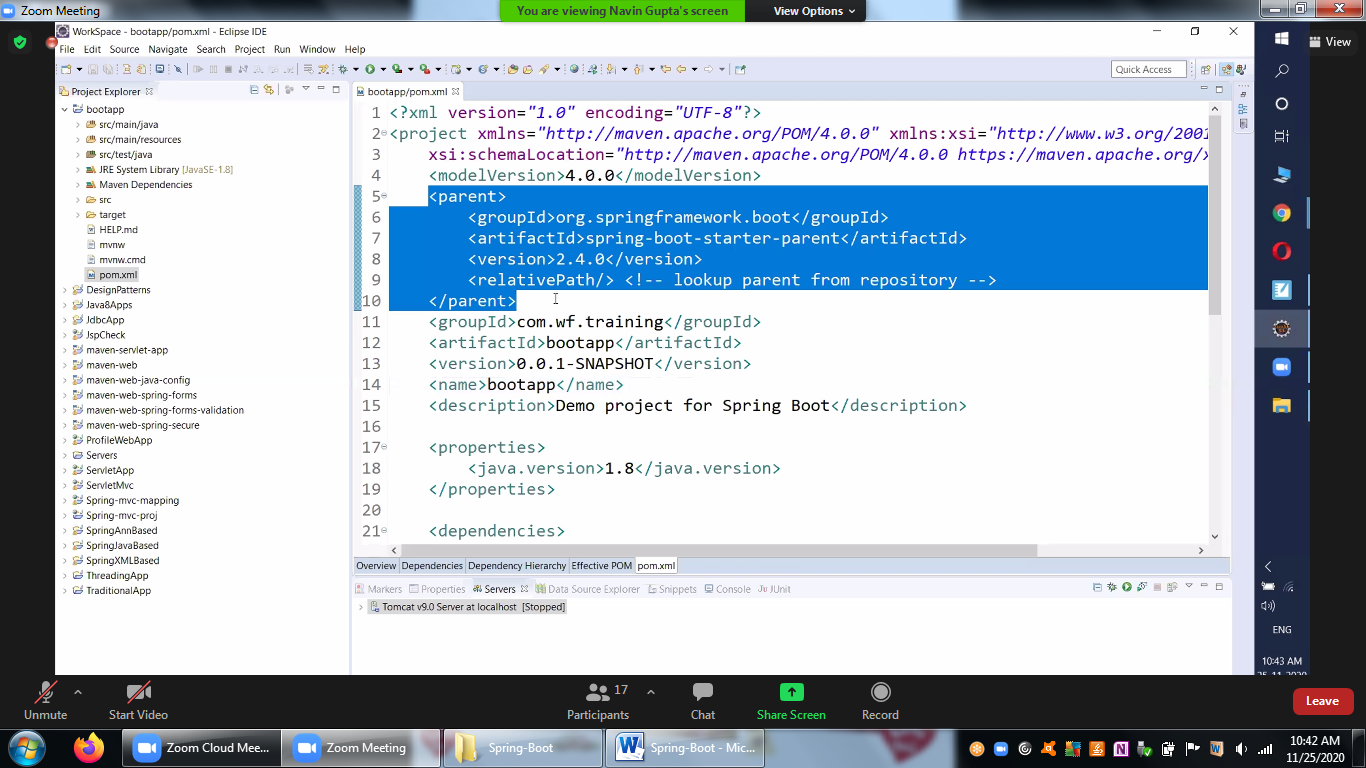


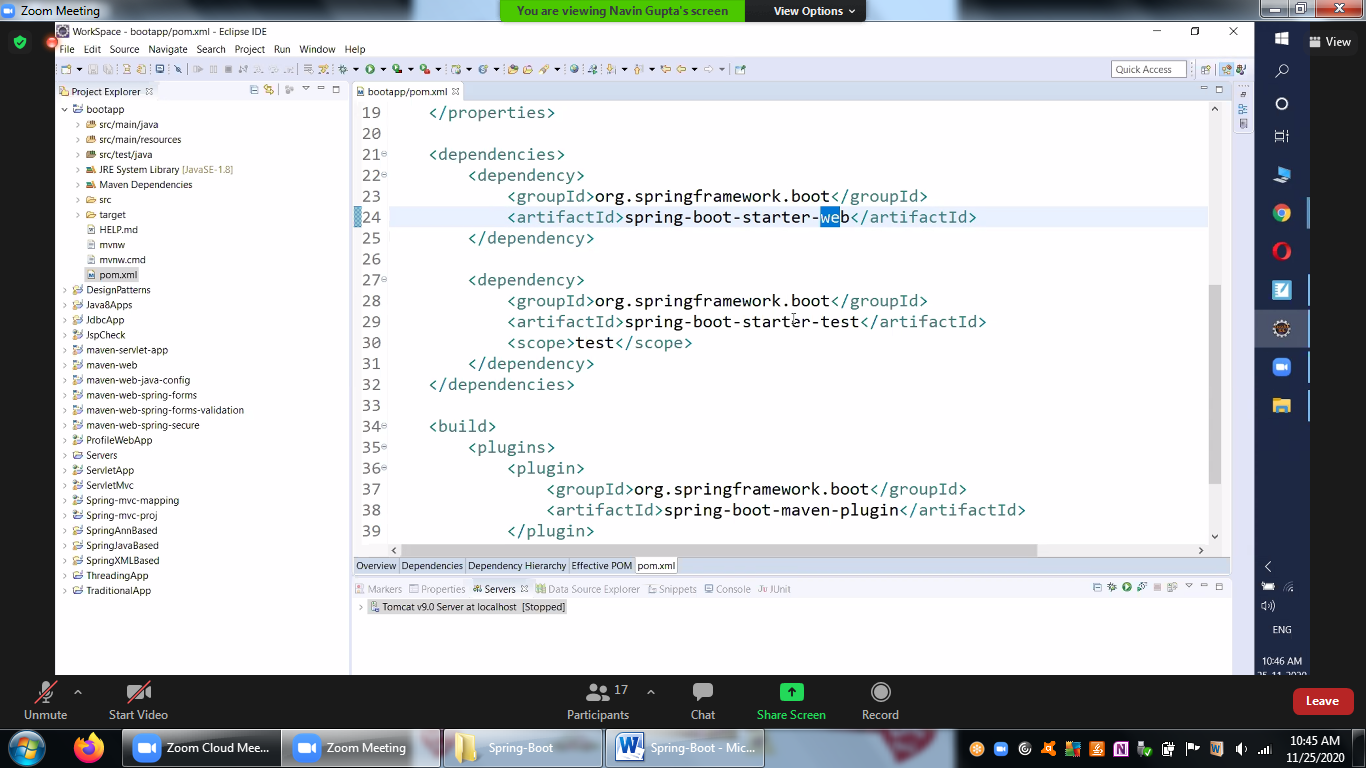


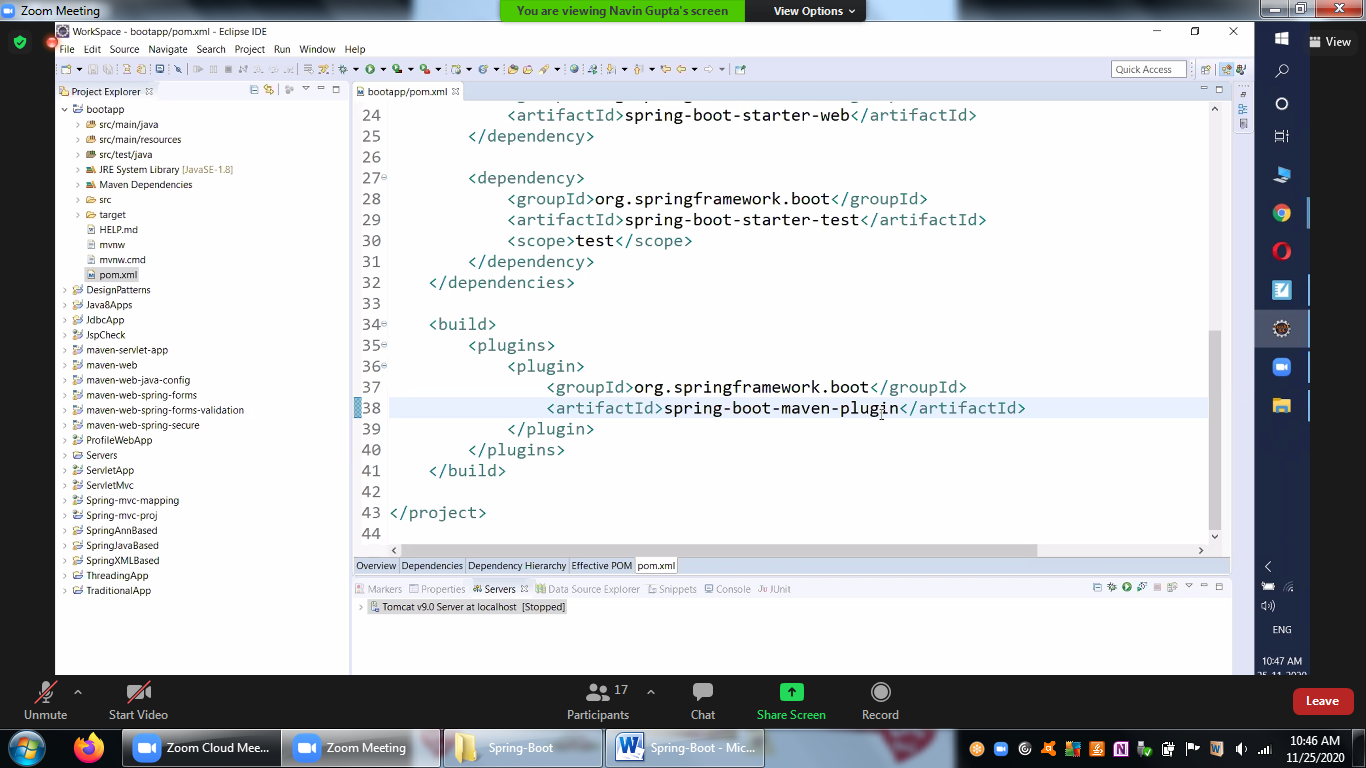


Dependencies Management

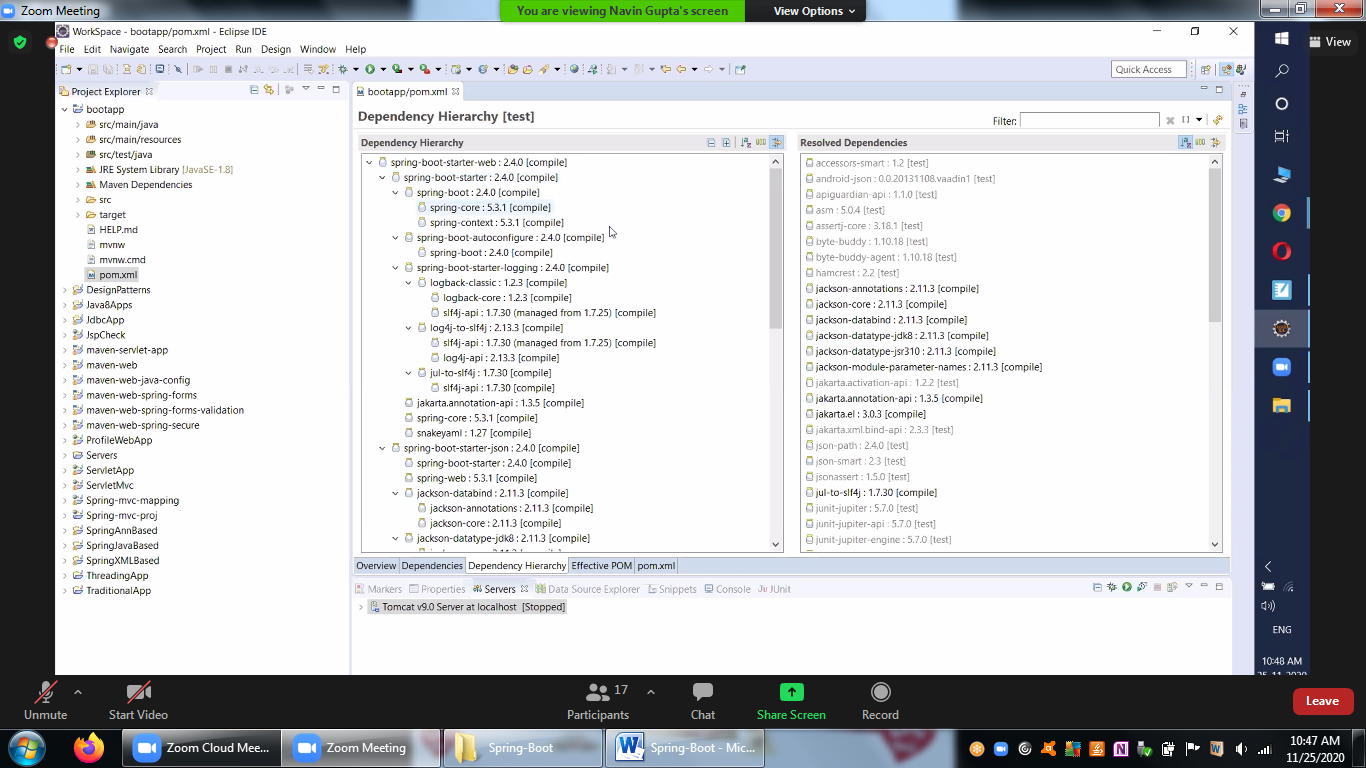
Existing Maven dependencies

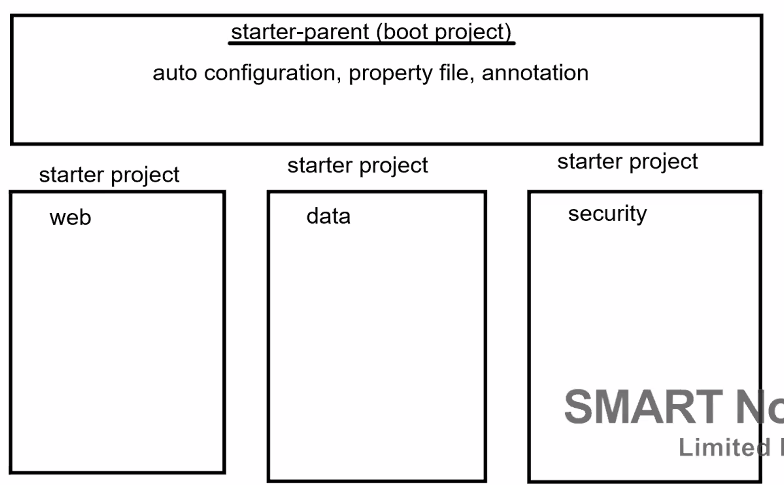






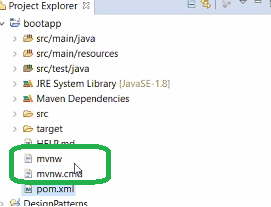
For Exploring you can go to Hierarchy Tab



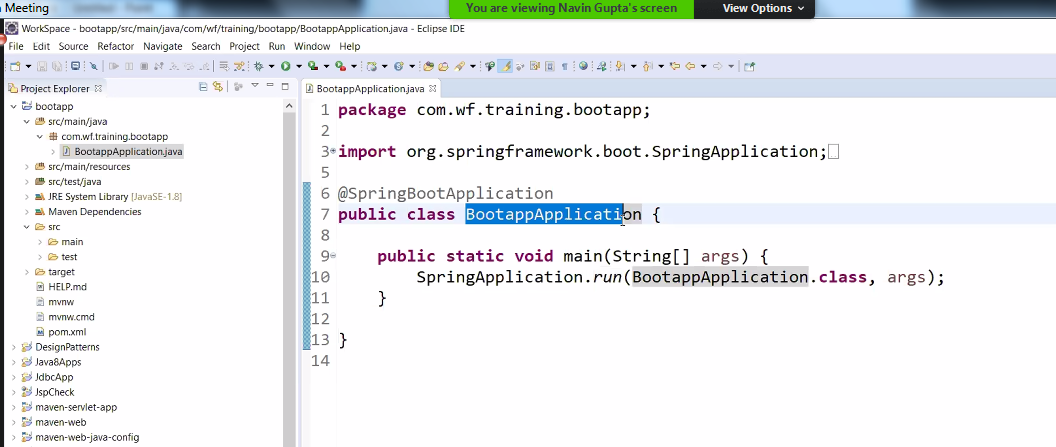


**Let’s talk about Self-Sufficiency**

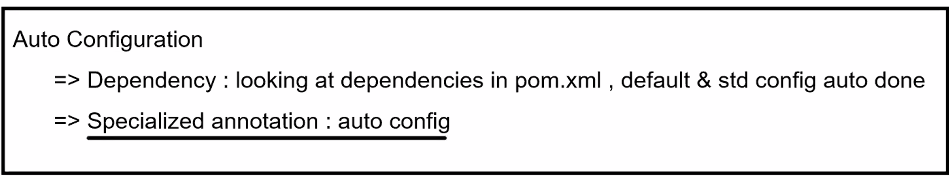
Maven in-built support is below

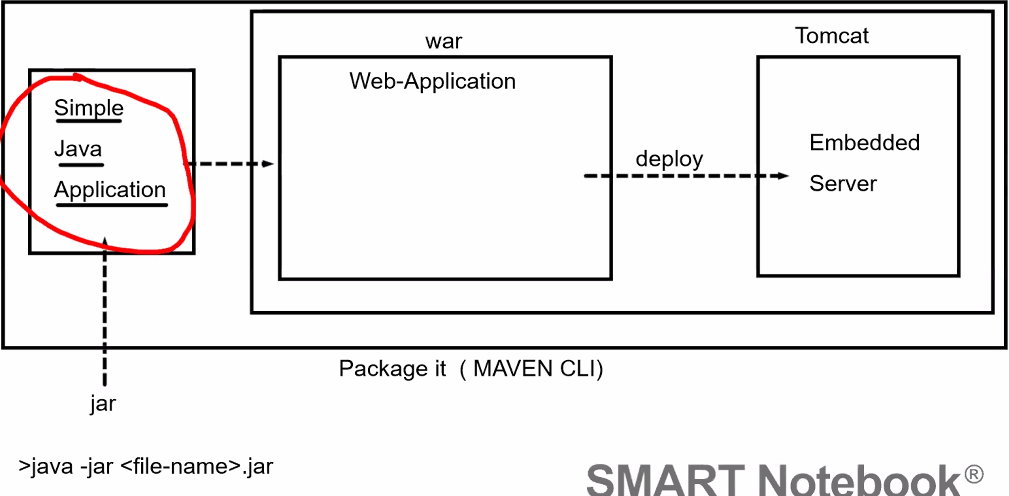


In built Java class along with configuration is already given



Explanation





Just we have to focus on the Views, Model and Controllers (Business resources)

Create the Spring Resources which are specific for our project

Webapp folder

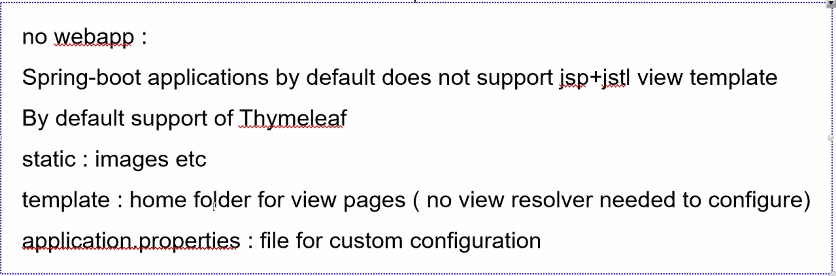
webapp folder is missing and it is expected, we don’t see the webapp folder for spring boot



Explanation:

We see new resoruces 3 folders and explanation is below

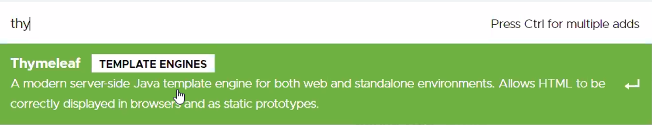




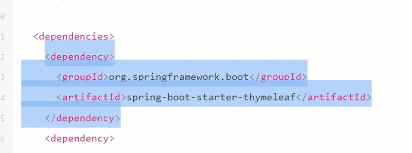
Add index.html for basic test scenario

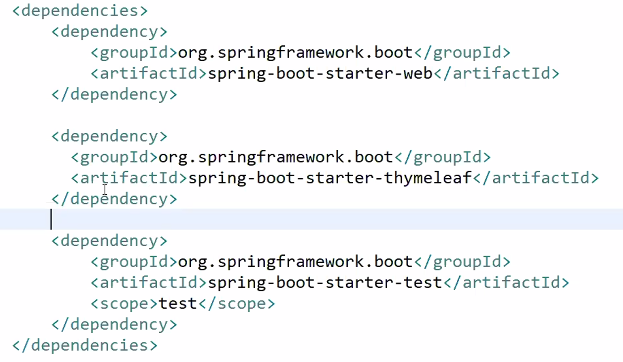


Add the dependency of ThymeLeaf

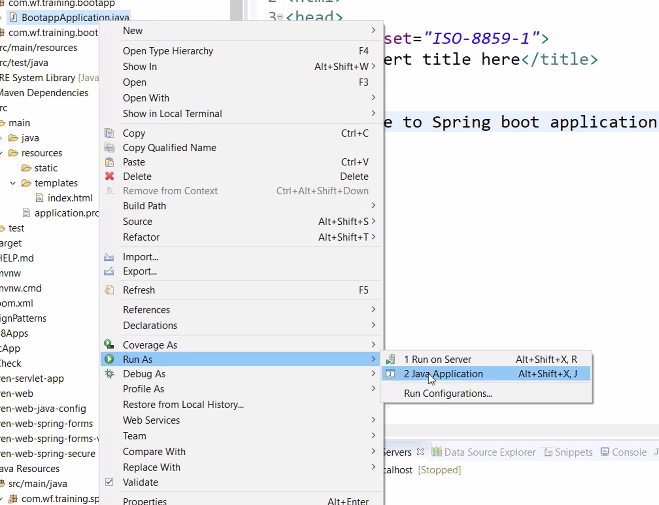


Click on the Explore button, Copy and add the same to our project POM.xml

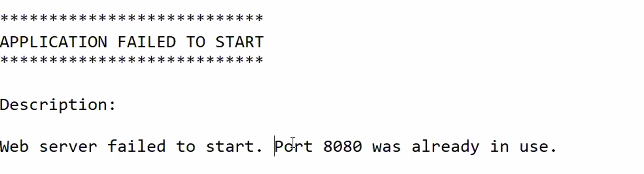




Run our Application and Run as Java application

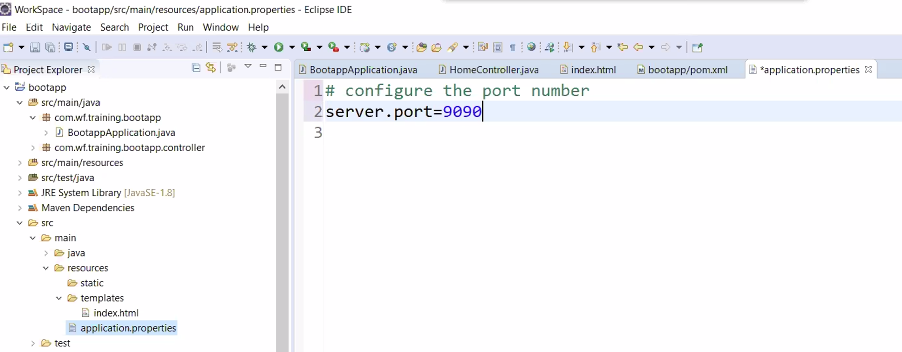


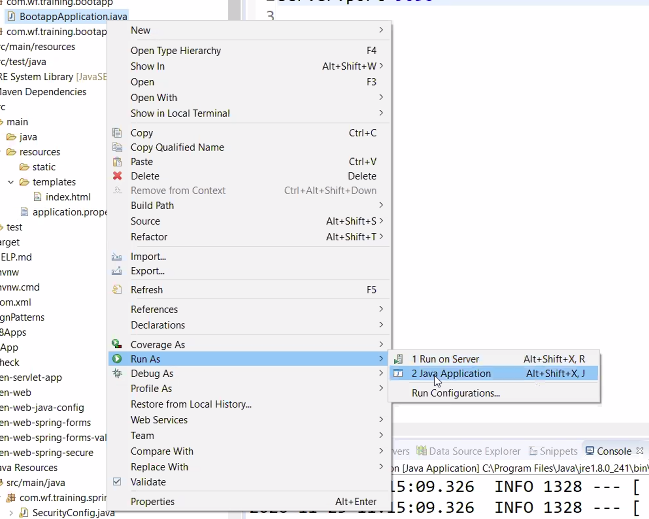
We may get this error



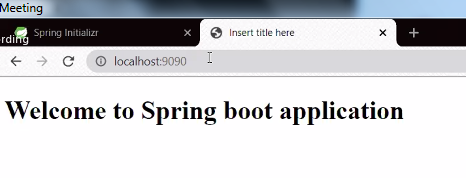
Configure the port number for the embedded Tomcat

Here application.properties plays a vital role, add the below key value pair in properties file





We have to enter the URL and launch the chrome manually. Now its success.



**….Basic Configuration is success and completed now….**