

Creation of Springboot project -- HelloWorld

we can create spring project using the following ways

1. create a springboot project using normal spring project creation approach

2. creating project from <https://spring.io> website Spring Initializer

3. using STS --> Spring Tool Suite

4. using Eclipse IDE + STS plugging

Pre-requisites:

1. Eclipse IDE

<https://www.eclipse.org/downloads/>

2. Java 1.8 version or above

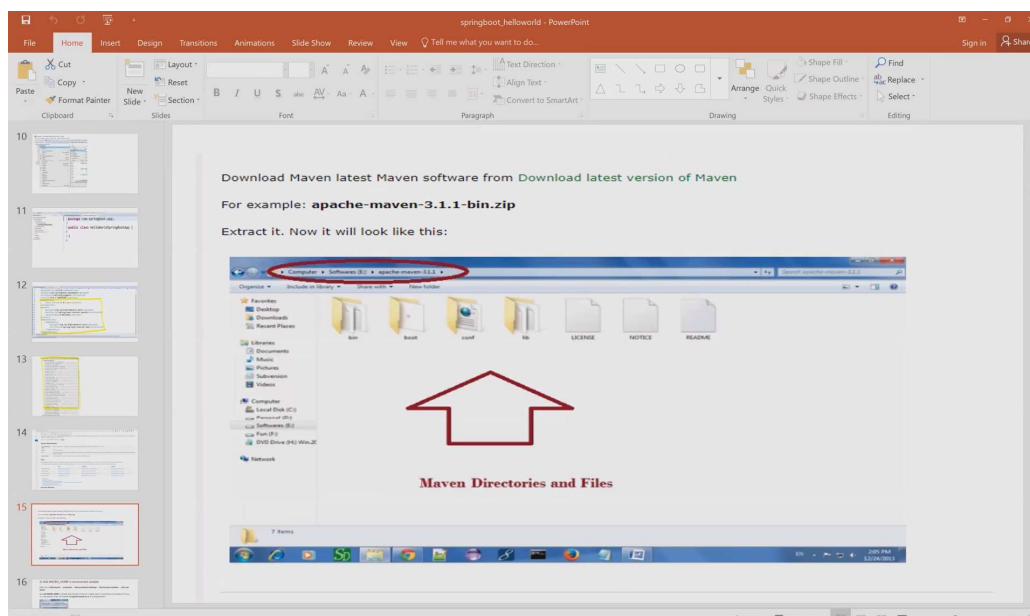
3. Maven -- configuration management/build tool

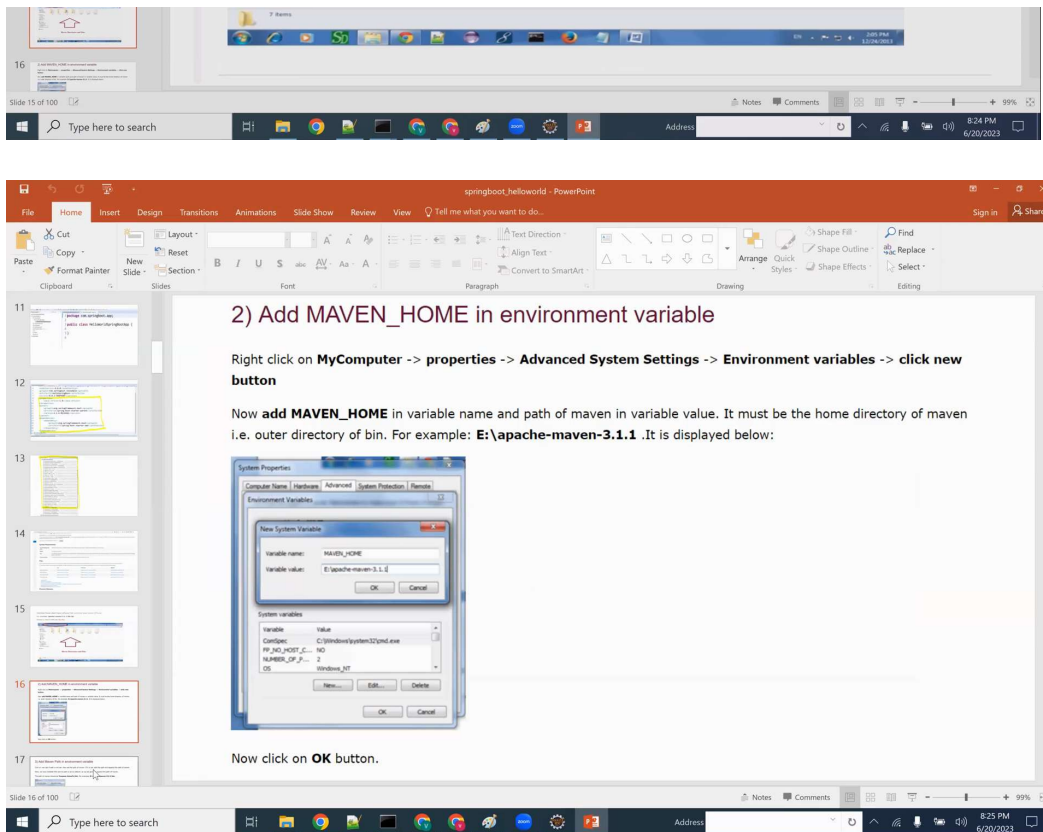
<https://maven.apache.org/>

<https://maven.apache.org/download.cgi>

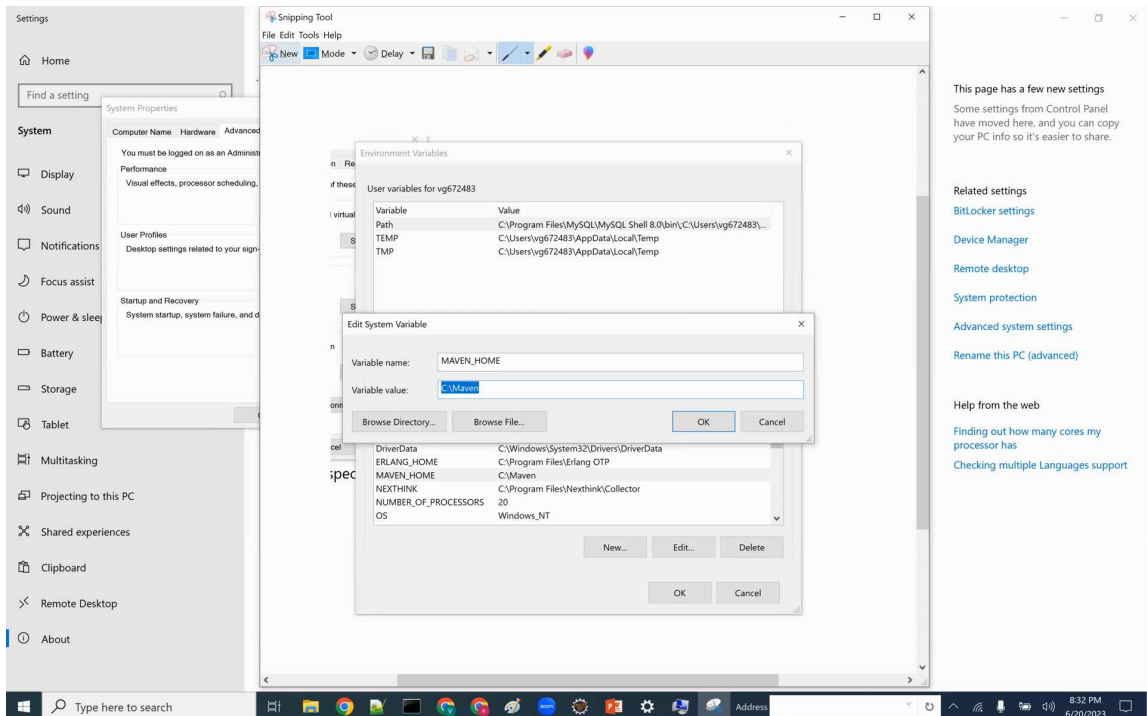
Maven setup

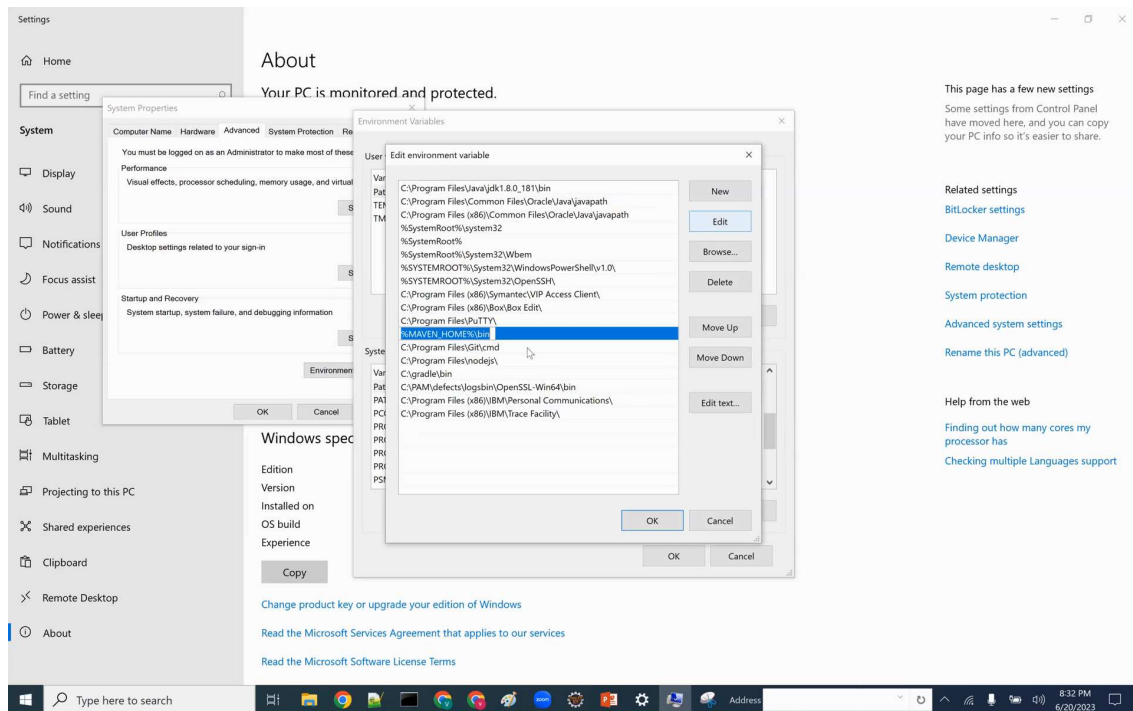
- download and extract the maven folder and
- setup MAVEN_HOME in the environmental variables





- all maven command work only C/Maven directory only.
- but, to work maven command in any directory of the pc -- we need to create a enviromental variable

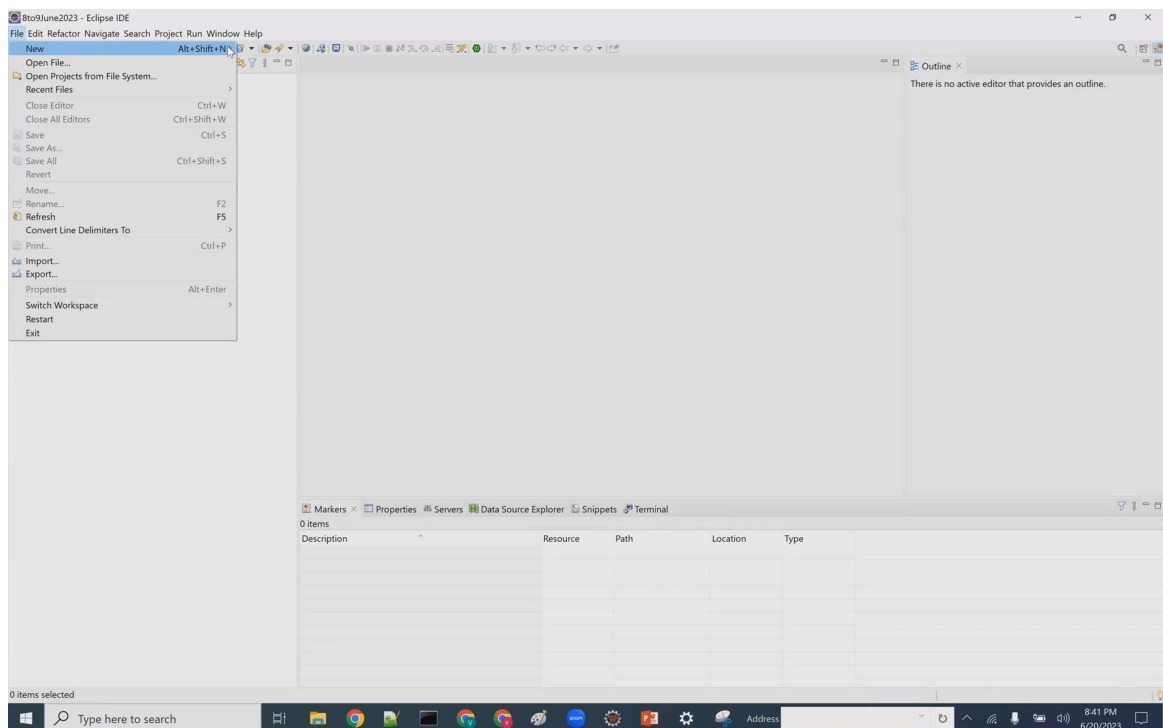


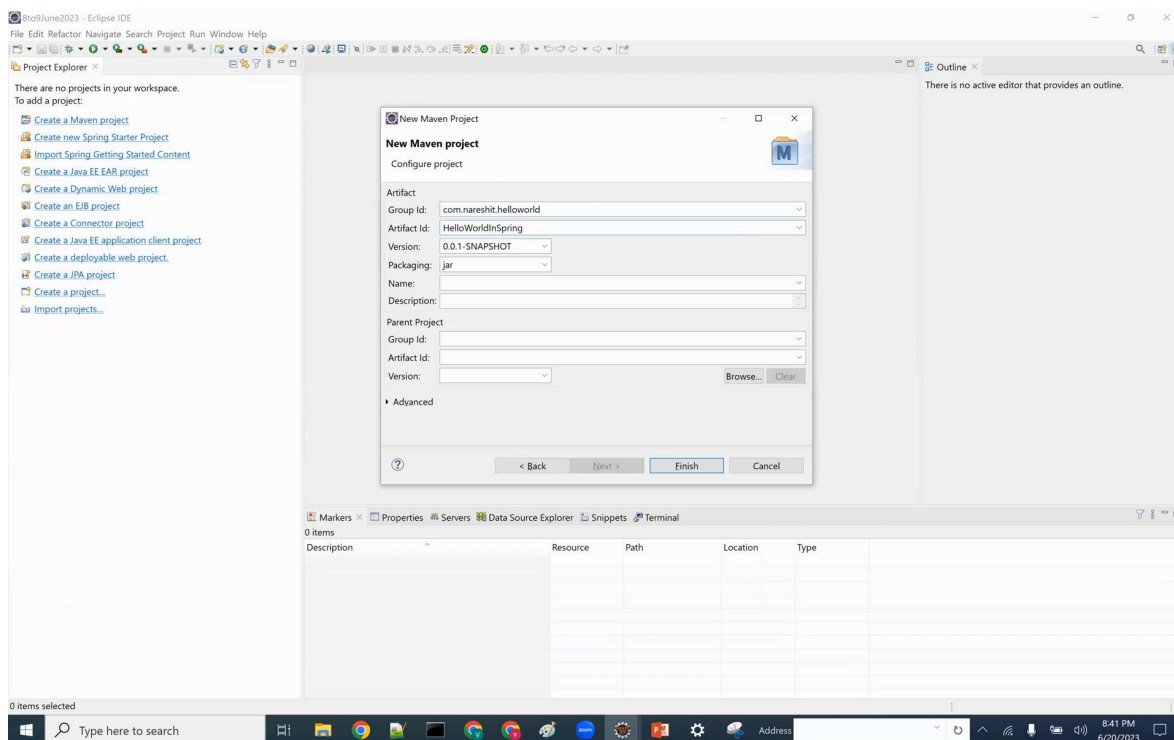
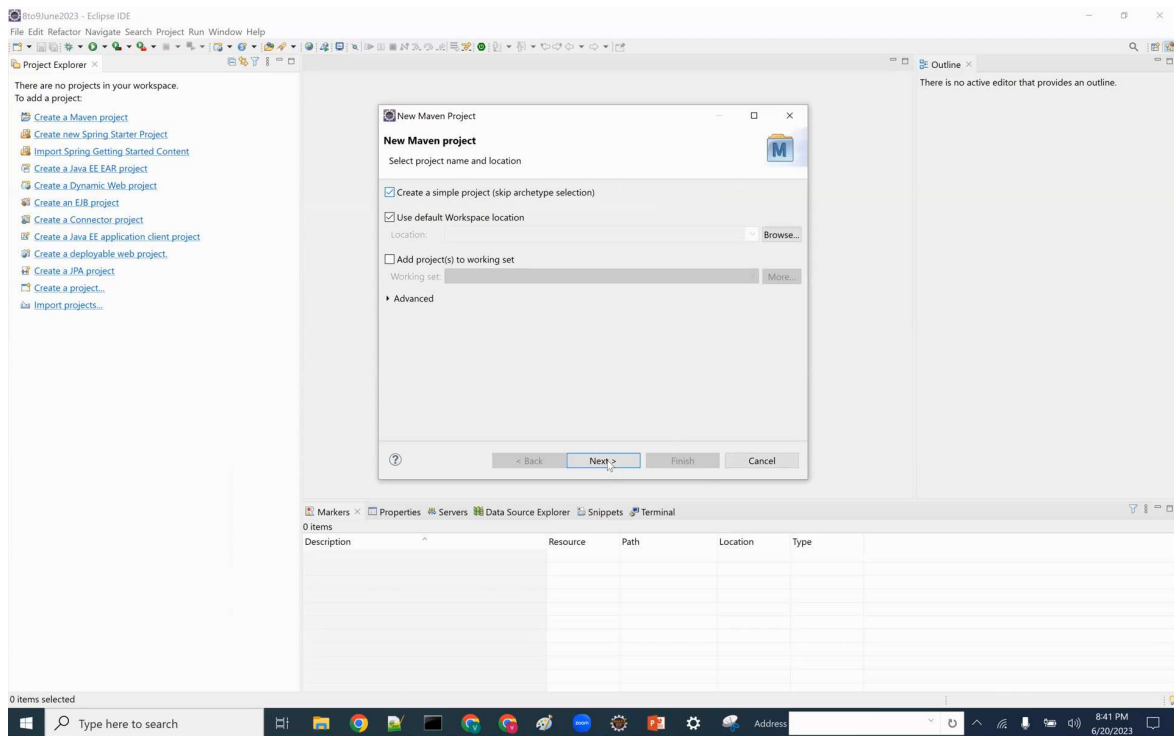


`mvn --version` run this command in the cmd pmt

creating the project using spring approach(using maven)

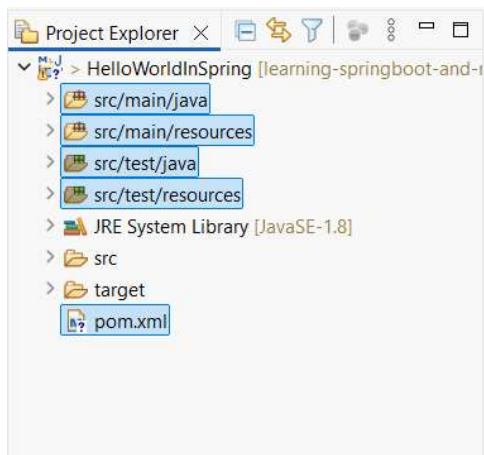
in spring approach only maven is required, in sts we don't require maven





group id	package name
artificat id	project name

some important folders of the project



- 1) Src/Main/Java -> Entire java code for my business logic , we need to write here.
- 2) src/main/resources -> Any configuration code like prop file , database connection
- 3) src/test/java -> Unit test cases like Junit etc..
- 4) src/test/resources -> Configuration code for Unit test cases
- 5) Maven Classpath ->
Entries mentioned in pom.xml file -> it downloads all jar file for the frameworks and keep the jars in class path.
- 6) **pom.xml ==> We will write configuration to download the framework jars**

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