

Ex:1



















DevOps Tools Installation

Dr

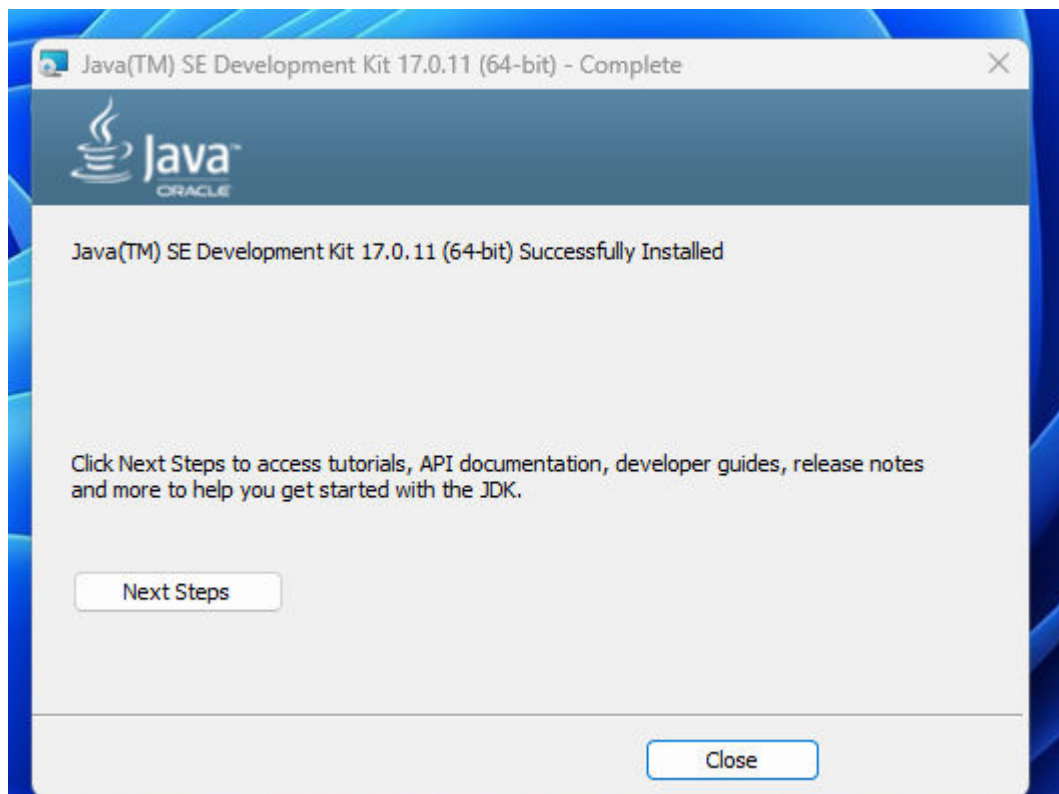
Thiyagarajan

Downloads:

Yesterday

	apache-maven-3.9.8-bin.zip From https://maven.apache.org	 
	eclipse-inst-jre-win64 (1).exe From https://www.eclipse.org	 
	eclipse-inst-jre-win64.exe From https://www.eclipse.org	 
	jdk-17.0.11 windows-x64 bin.exe From https://www.oracle.com	 
	Git-2.46.0-64-bit (1).exe From https://git-scm.com	 
	Git-2.46.0-64-bit.exe From https://gitforwindows.org	 

Exercise 1: Installation and Execution of JDK17



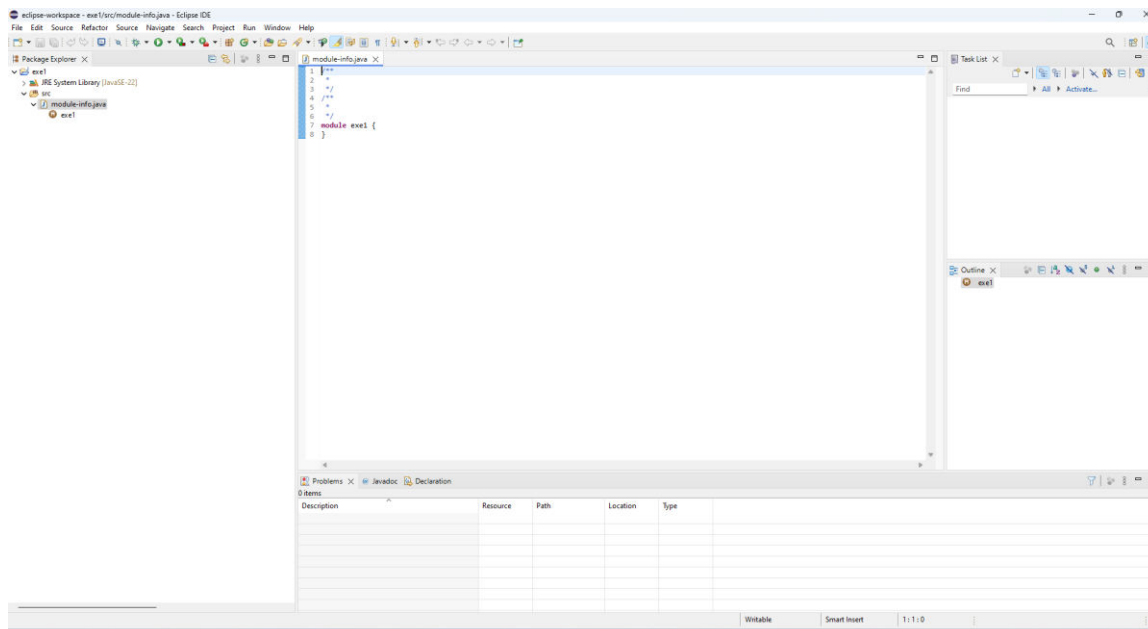
```
C:\Windows\system32\cmd.exe X + v

C:\Users\Admin>cd..

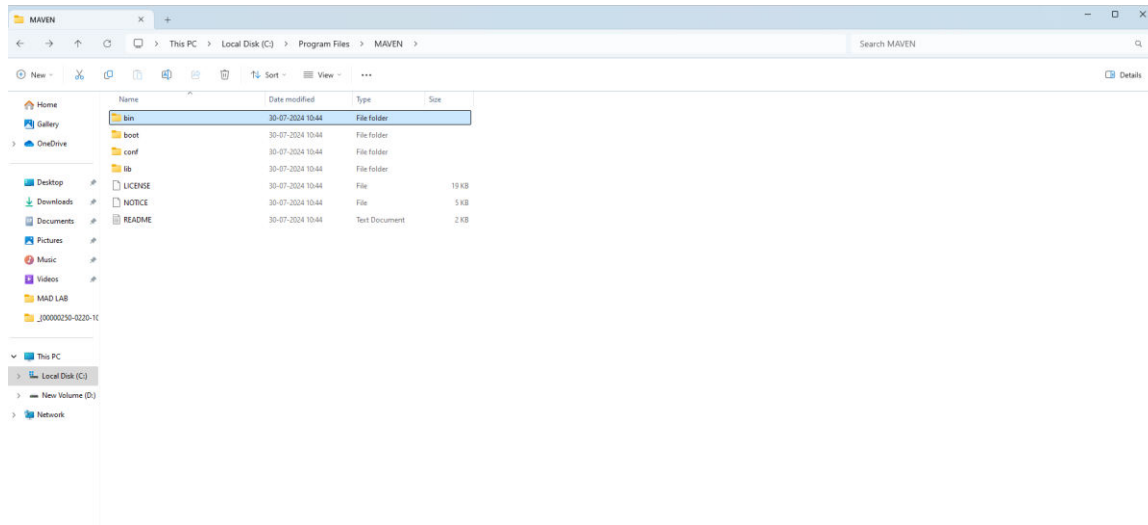
C:\Users>cd..

C:\>javac
Usage: javac <options> <source files>
where possible options include:
  @<filename>          Read options and filenames from file
  -Akey[=value]         Options to pass to annotation processors
  --add-modules <module>(<module>)*
                        Root modules to resolve in addition to the initial modules, or all modules
                        on the module path if <module> is ALL-MODULE-PATH.
  --boot-class-path <path>, -bootclasspath <path>
                        Override location of bootstrap class files
  --class-path <path>, -classpath <path>, -cp <path>
                        Specify where to find user class files and annotation processors
  -d <directory>        Specify where to place generated class files
  -deprecation
                        Output source locations where deprecated APIs are used
  --enable-preview
                        Enable preview language features. To be used in conjunction with either -source or --release.
  -encoding <encoding>  Specify character encoding used by source files
  -endorseddirs <dirs>  Override location of endorsed standards path
  -extdirs <dirs>       Override location of installed extensions
  -g                    Generate all debugging info
  -g:{lines,vars,source}
                        Generate only some debugging info
  -g:none               Generate no debugging info
  -h <directory>
                        Specify where to place generated native header files
  --help, -help, -?     Print this help message
  --help-extra, -X      Print help on extra options
  -implicit:{none,class}
                        Specify whether or not to generate class files for implicitly referenced files
  -J<flag>              Pass <flag> directly to the runtime system
  --limit-modules <module>(<module>)*
                        Limit the universe of observable modules
  --module <module>(<module>)*, -m <module>(<module>)*
                        Compile only the specified module(s), check timestamps
  --module-path <path>, -p <path>
                        Specify where to find application modules
  --module-source-path <module-source-path>
                        Specify where to find input source files for multiple modules
  --module-version <version>
                        Specify version of modules that are being compiled
  -nowarn               Generate no warnings
  -parameters
                        Generate metadata for reflection on method parameters
  -proc:{none,only,full}
                        Control whether annotation processing and/or compilation is done.
  -processor <class1>[,<class2>,<class3>...]
```

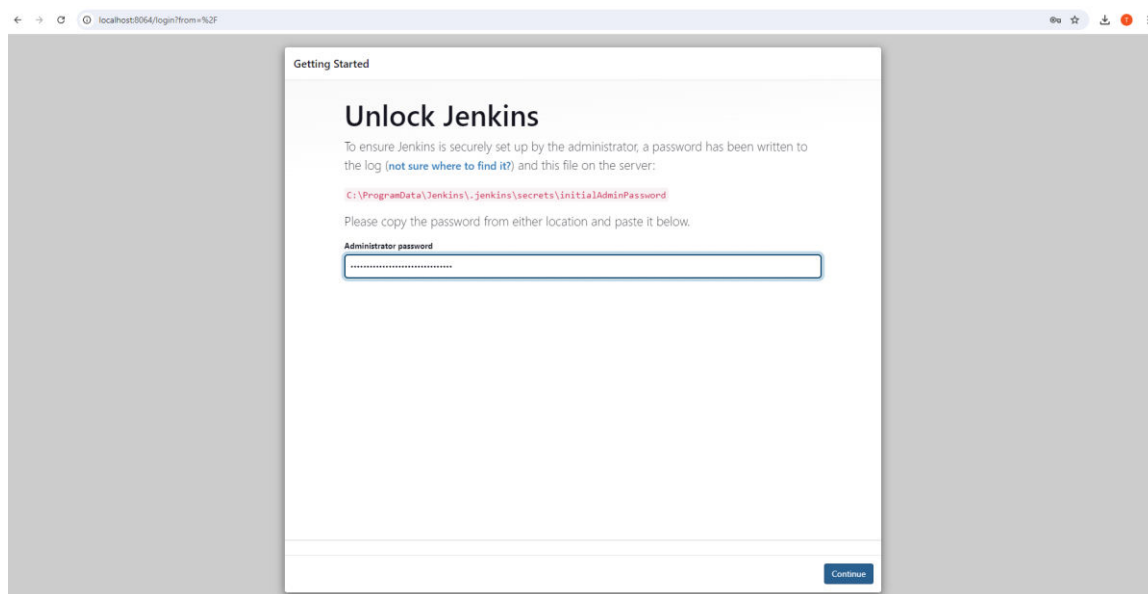
Eclipse Installation and Execution:

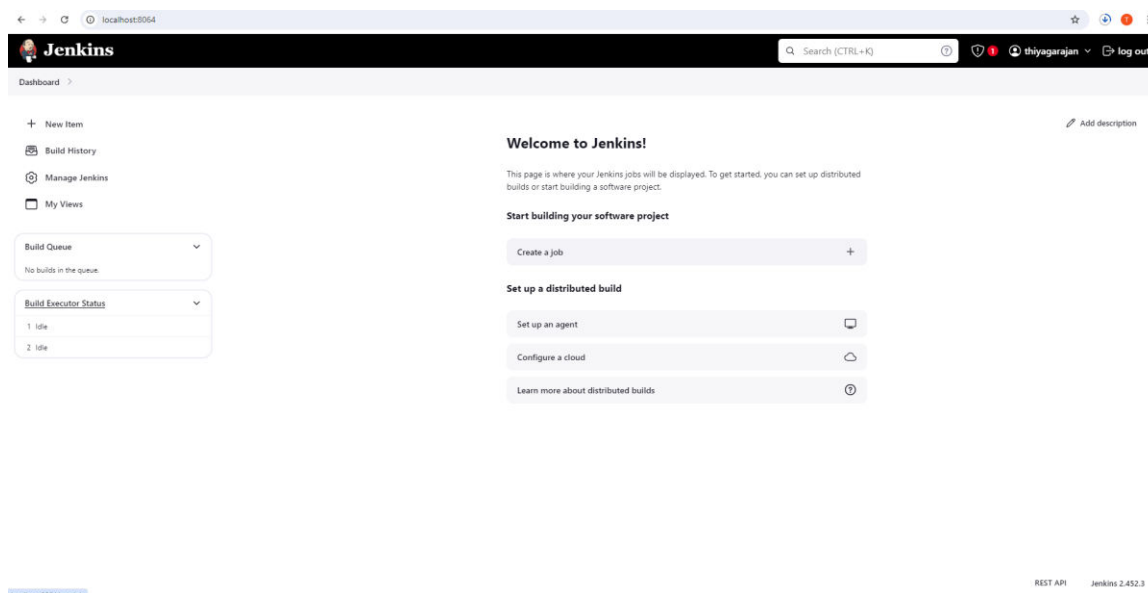


Maven Installation and Execution:

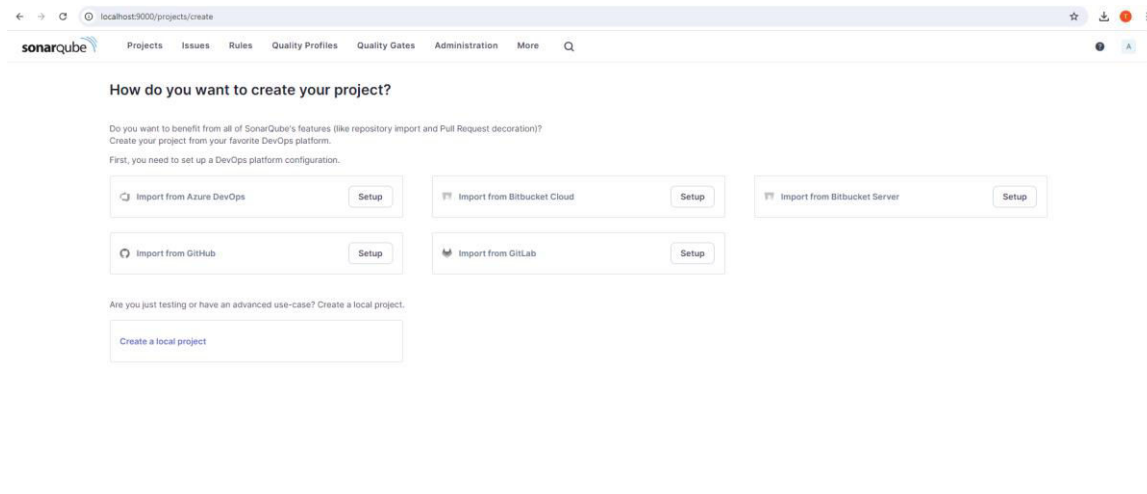


Jenkins Installation:





SonarQube Installation



Tomcat Installation

