**SpringBoot**

-Download Eclipse developer edition and run .exe file after extracting the zip file

WebSite Link - <https://www.eclipse.org/downloads/packages/release/2023-06/r/eclipse-ide-java-developers>

Direct Windows installer Link - <https://www.eclipse.org/downloads/download.php?file=/technology/epp/downloads/release/2023-06/R/eclipse-java-2023-06-R-win32-x86_64.zip>

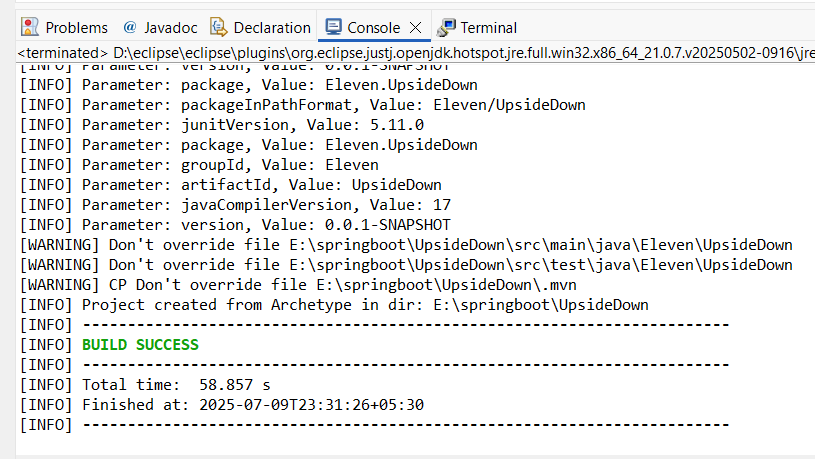
AFTER OPENING ECLIPSE

- click on file->new Maven Project-> give work space location->next

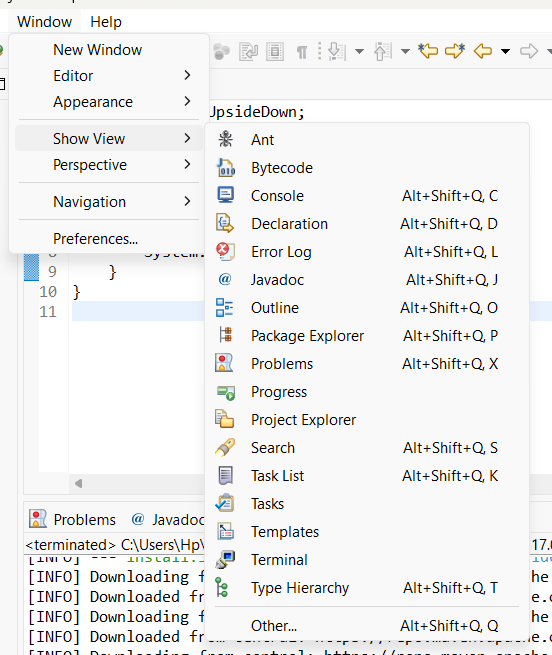
- In archetype selection type org.apache.maven.quickStart 🡪 and select latest version 1.5-> next

- GroupID – anyName, ArtifactID -ProjectName🡪 click on finish

-- you need to type y in console for confirming the project creation and you will able to see build success in console itself.

  
Now the project is created we need to navigate to it and open it.

-- window->showview->PackageExplorer

-

-click on run, to run the application and see output in console

HOW TO CREATE .jar file

-right click on current working maven project and hover on run as option, you could able to see the maven install option so click on it then the .jar file will be created. Here also you can see build success in console itself

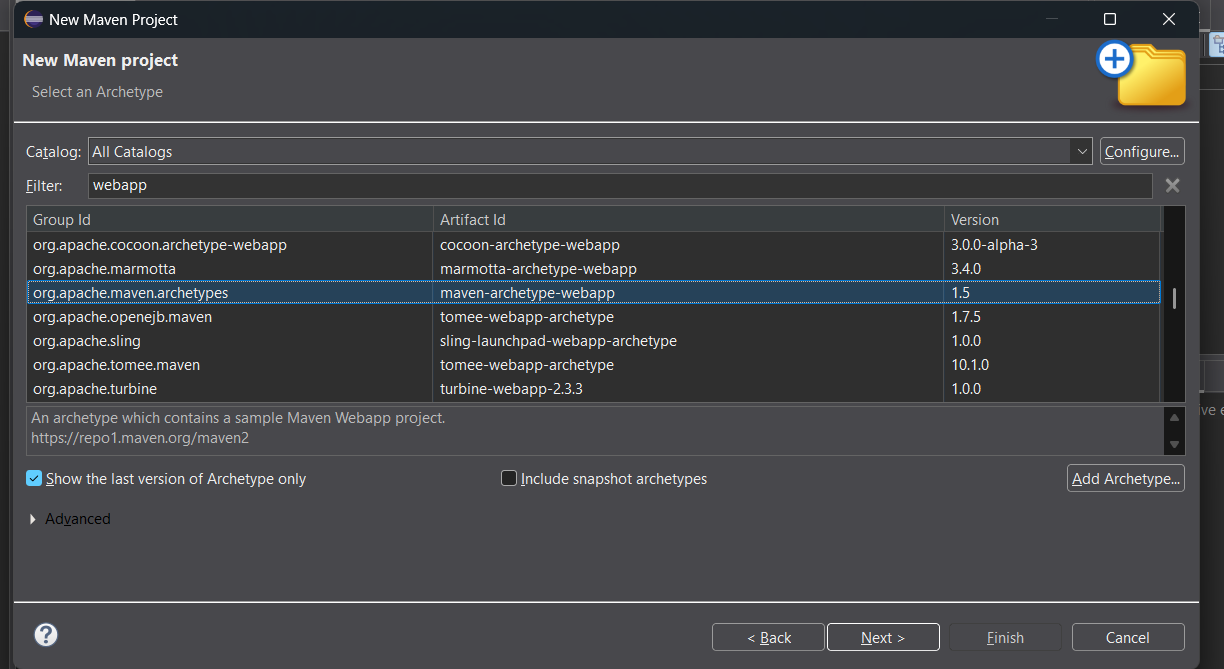
-- To navigate to that jar file copy the path and paste in file explorer



**Day – 2**

**Create new maven webApp project:**

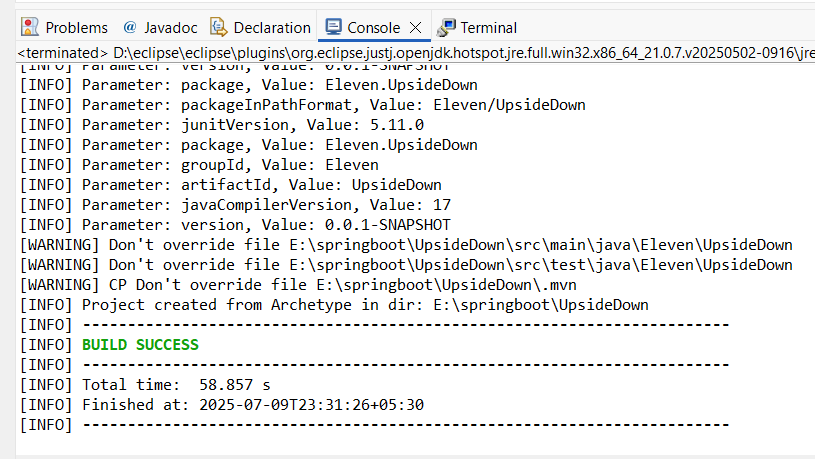
- click on file->new Maven Project-> give work space location->next



- In archetype selection type maven.archtype.webApp 🡪 and select latest version 1.5-> next

- GroupID – anyName, ArtifactID -ProjectName🡪 click on finish

-- you need to type y in console for confirming the project creation and you will able to see build success in console itself.



* Right click on project name and
  + run as maven install
* It’ll creates a war file then it need to deploy in Tomcat.

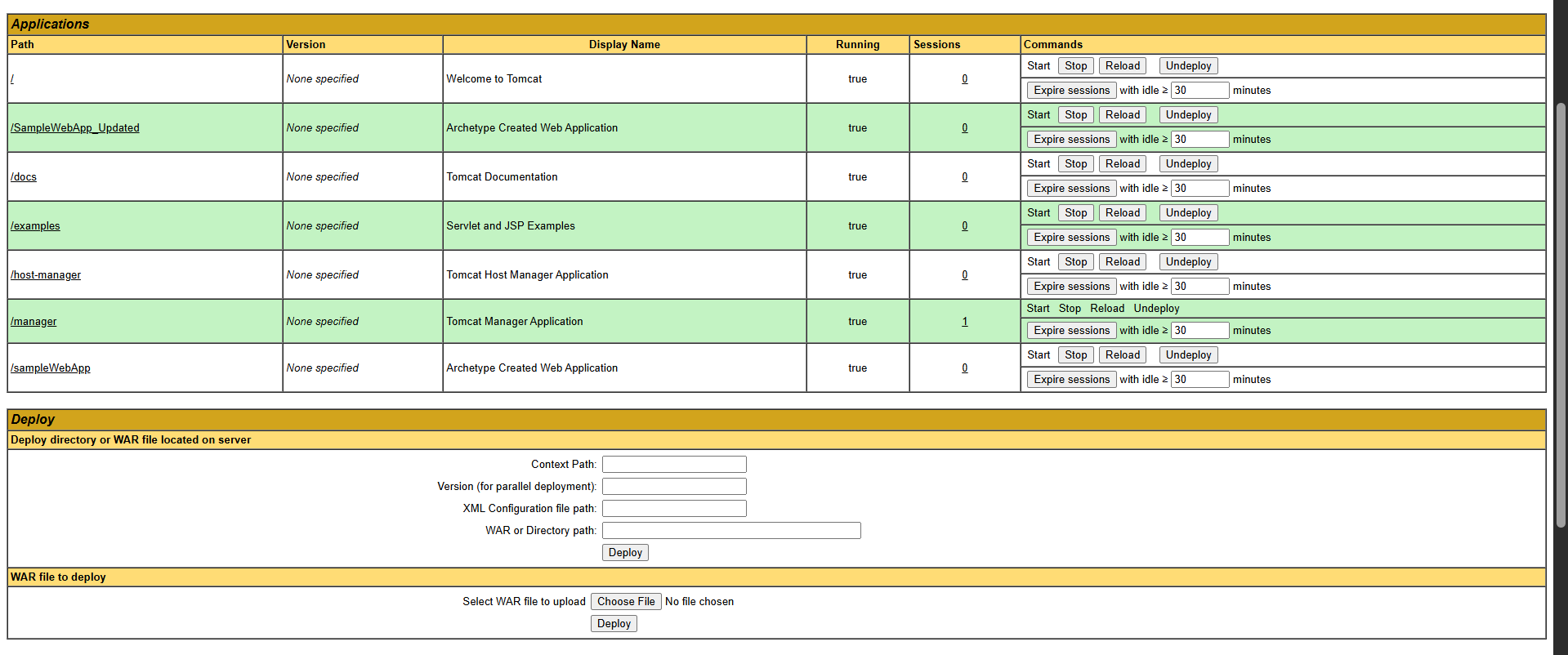
***Install TOMCAT SERVER***

WebSite link - <https://tomcat.apache.org/download-11.cgi>

Windows Direct link - <https://dlcdn.apache.org/tomcat/tomcat-11/v11.0.9/bin/apache-tomcat-11.0.9.exe>

Tomcat installation

* Click nextsss and change below features if you find
* **Select 2 unselected checkboxes** and next
* change http/1.1 connector port num to **8087**
* Mention username & paswd = cse & cse
* install & finish.
* Open chrome type – **localhost:8087/manager/html** (make sure that tomcat is running at BG if not then **windows button -> services -> Apache tomcat -> start the service**)
* Enter username and pswd
* Deploy the above created war file by selecting choose file



* To run that deployed file tap on the **file name** of **Applications Section**

**For Example :** Tap on **/sampleWebApp** file name in Applications section**.**

**DAY - 3**

JSP(java servlet pages) – jsp files are converted into java and jcm compiled that into biteCode.