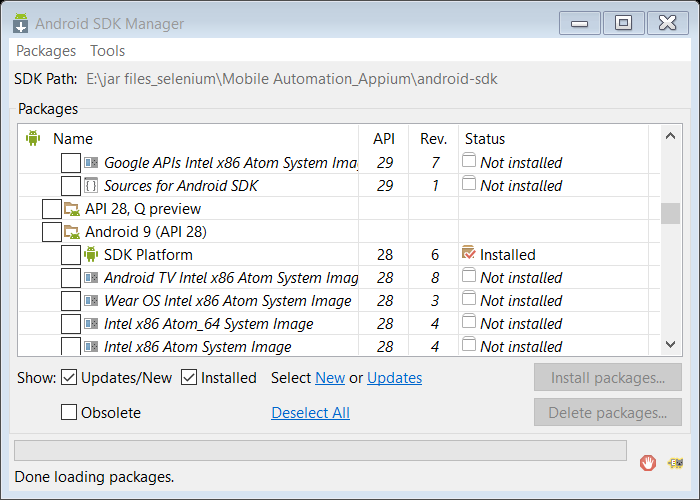
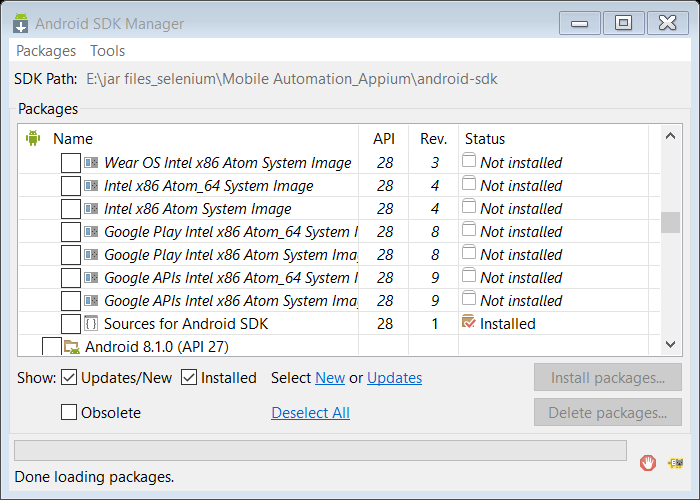
Download the android sdk for android version 9 from Android sdk manager





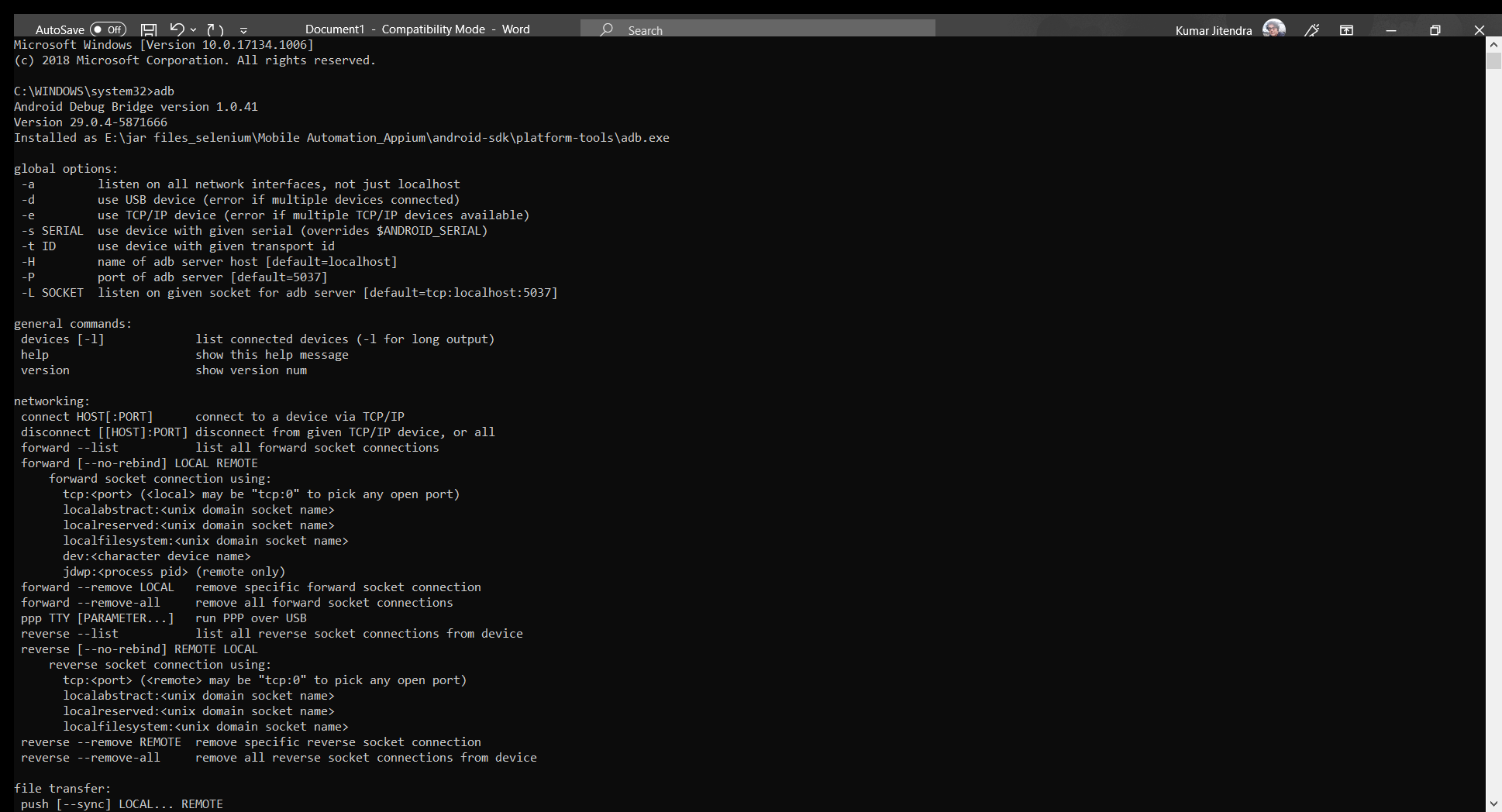
Android debug machine – give the path of the adb file under the path variable for platform -tools

E:\jar files\_selenium\Mobile Automation\_Appium\android-sdk\platform-tools under the system variables under the path section

A screenshot of a computer

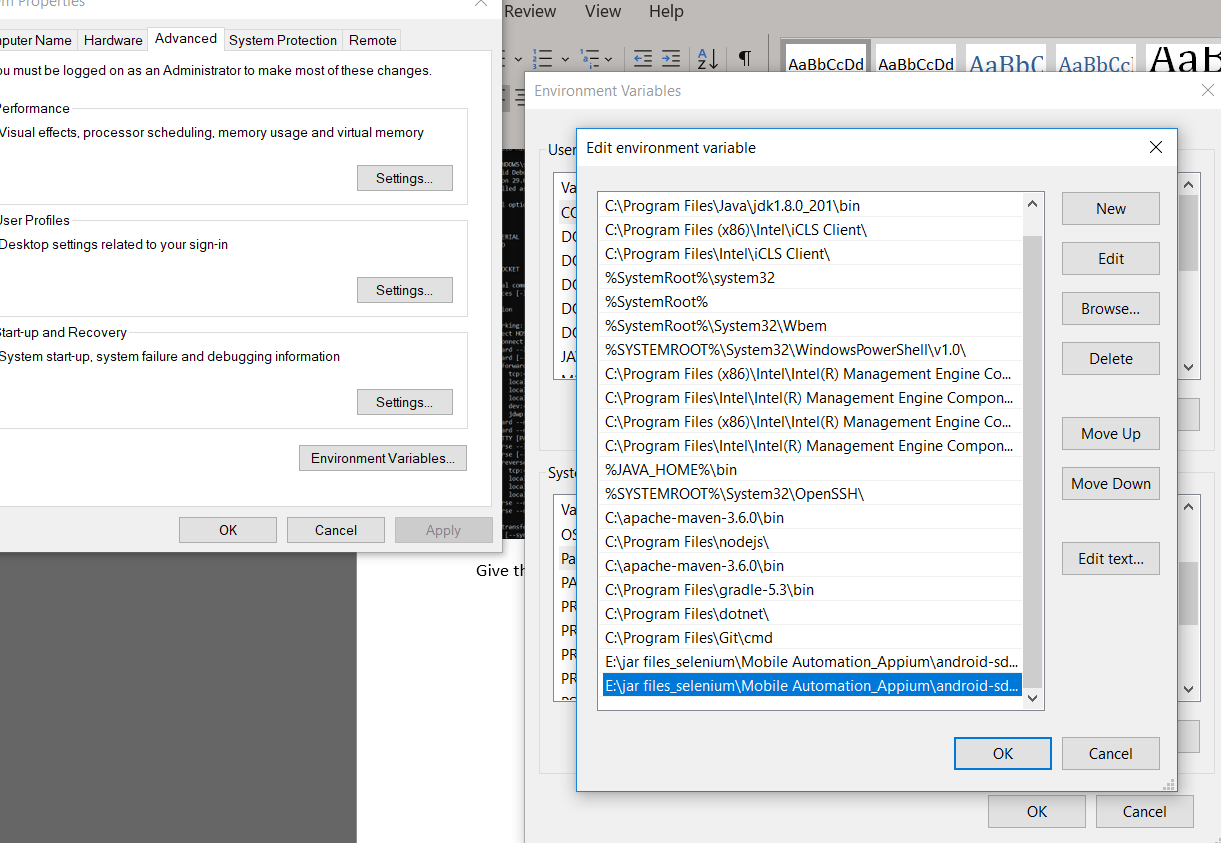
Description automatically generated

Run adb from command prompt



Give the path of build tool

E:\jar files\_selenium\Mobile Automation\_Appium\android-sdk\build-tools under the path variable (under the System variables)

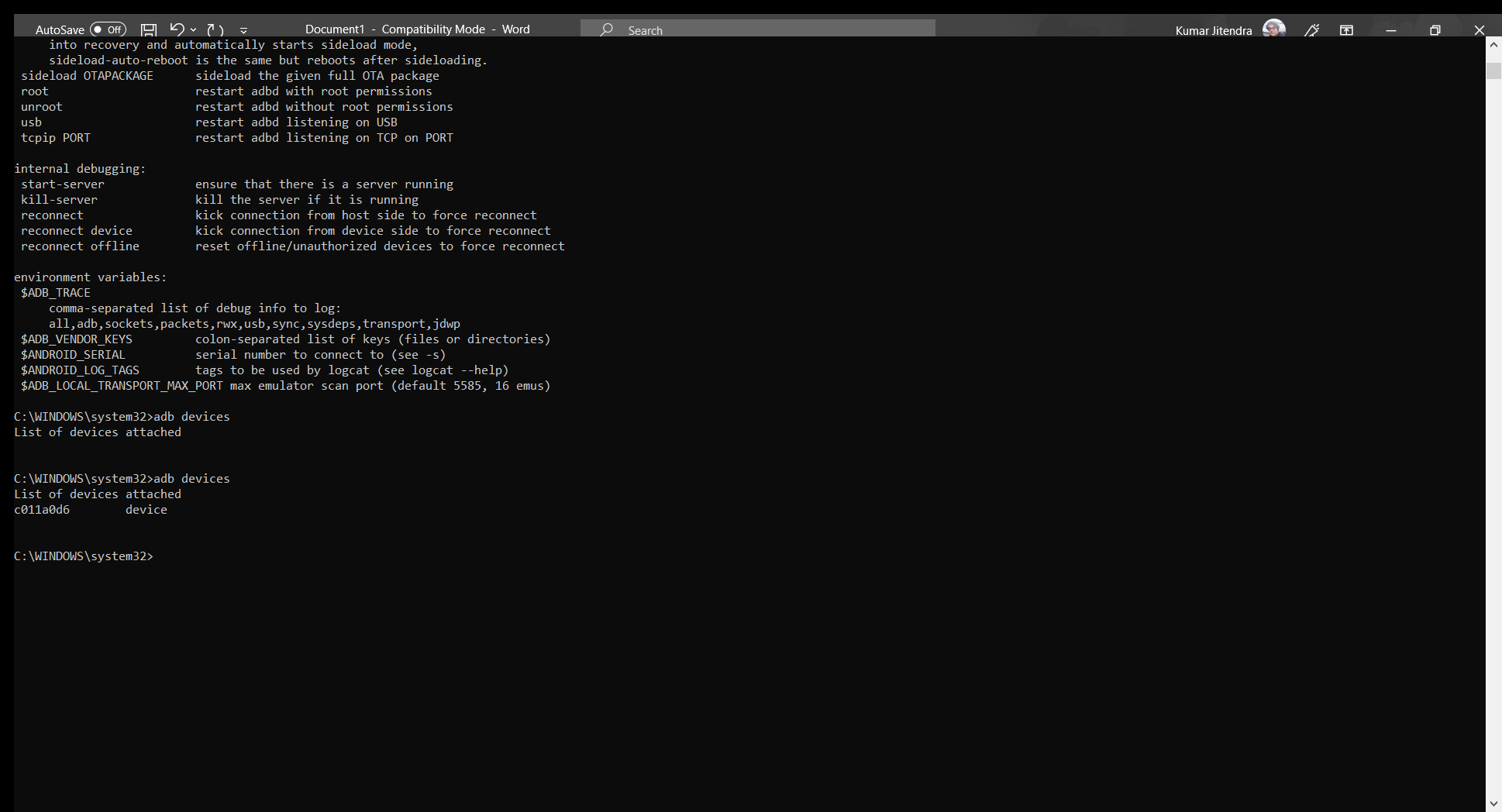


Click on 7times – for build (about phone) – to become developer

Once we become developer go to phone >system>developer options will be seen>

Enable usb debugging > click on always allow >

After that type adb devices



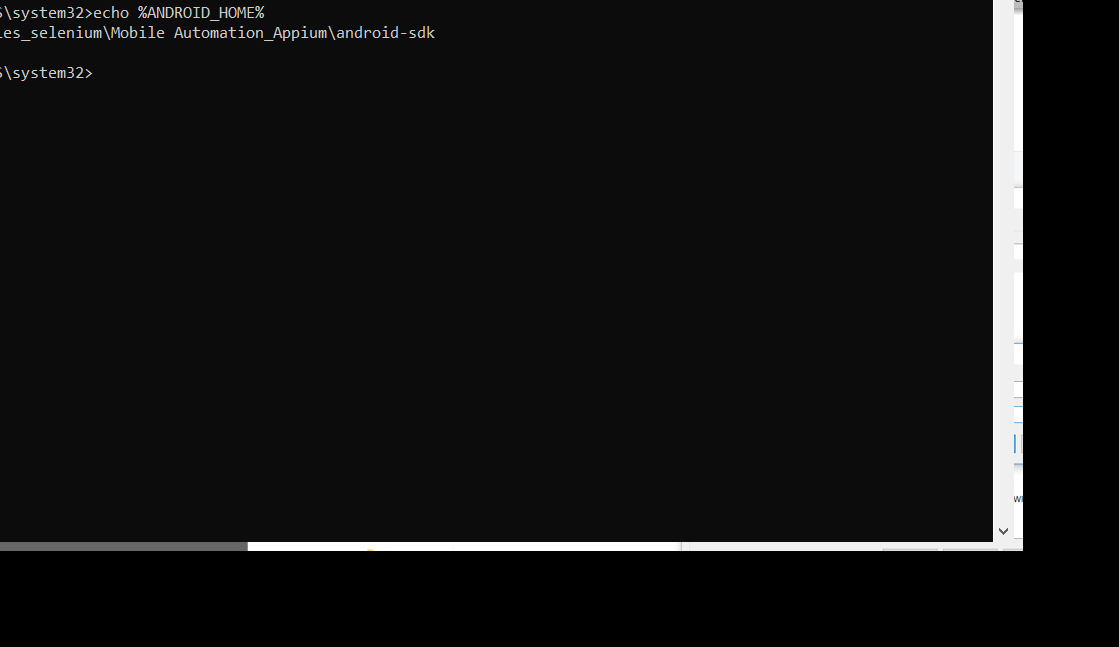
Set ANDROID\_HOME variable under the system variable

Click on new System variable

A screenshot of a computer

Description automatically generated

To see the ANDROID\_HOME path

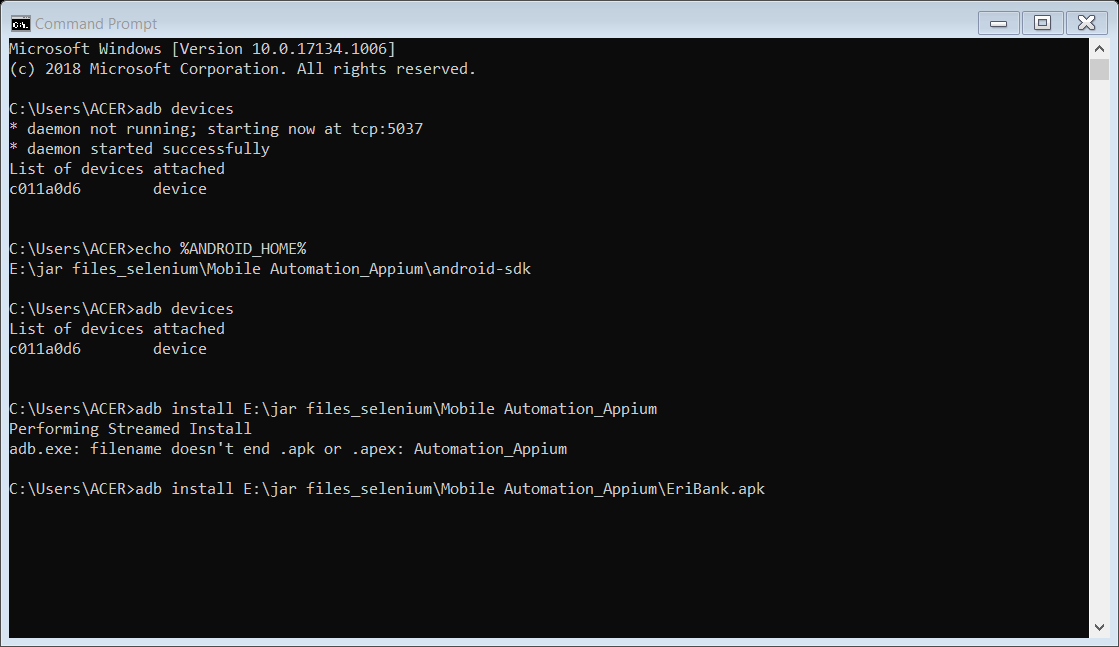


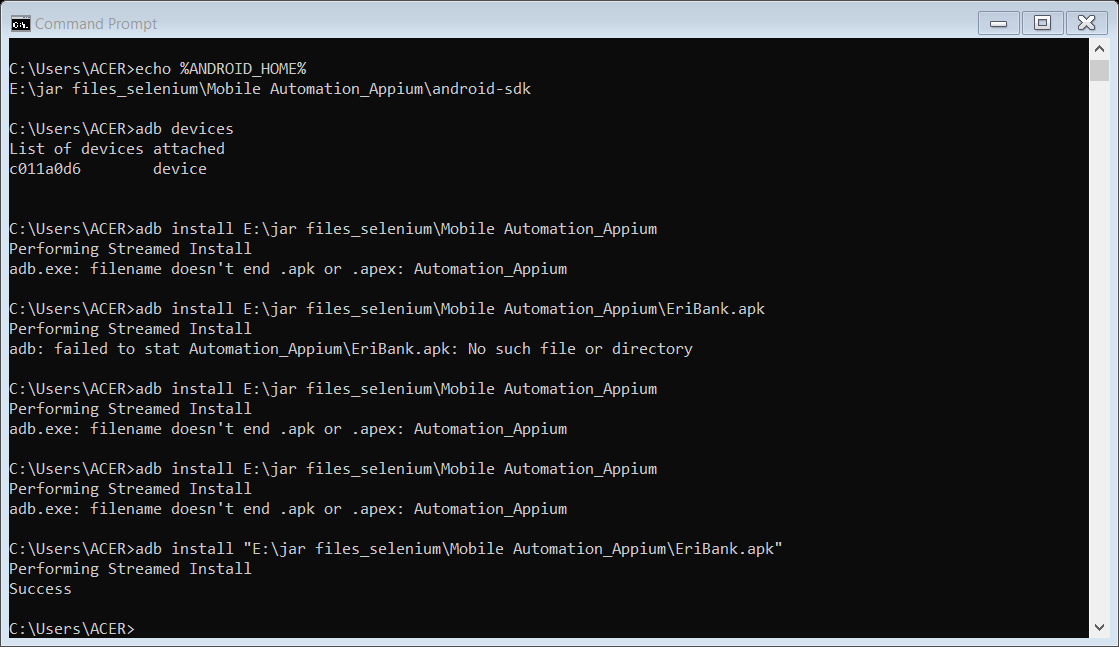
Connected two devices

A screenshot of a computer screen

Description automatically generated

Adb install





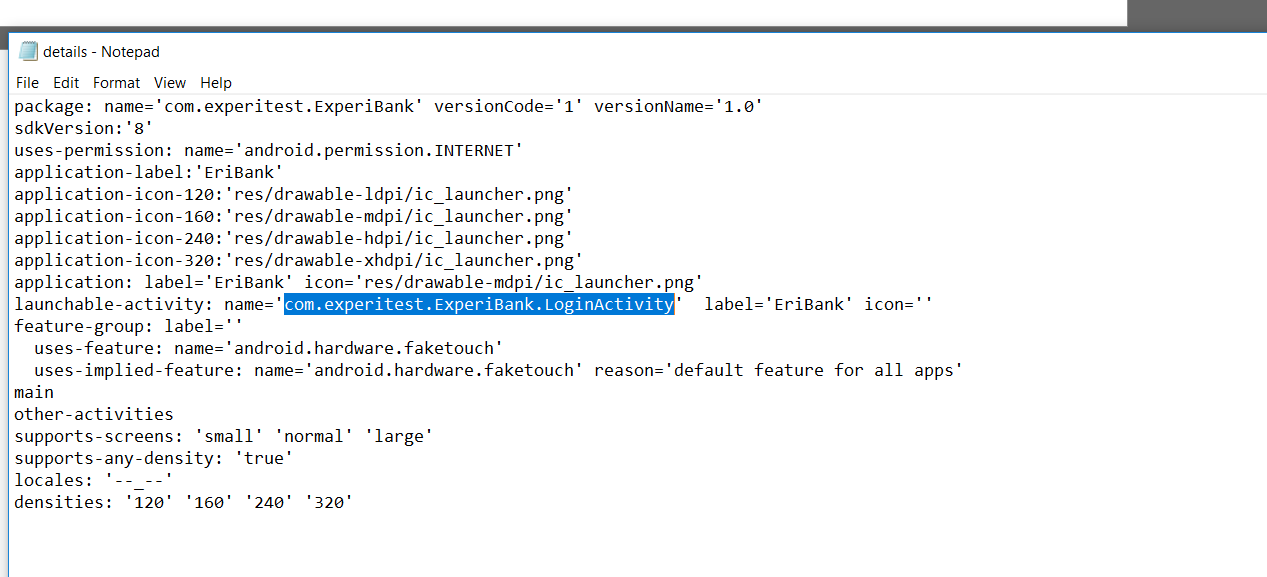
To run the package name and get the feature name

If the file name is having space then give the path of the file within “ ”

Gibe the path of the aapt dump badging “give the path of the EriBank.apk file “ and download the package name details under the E drive

Details .txt file it will have the package name and feature name

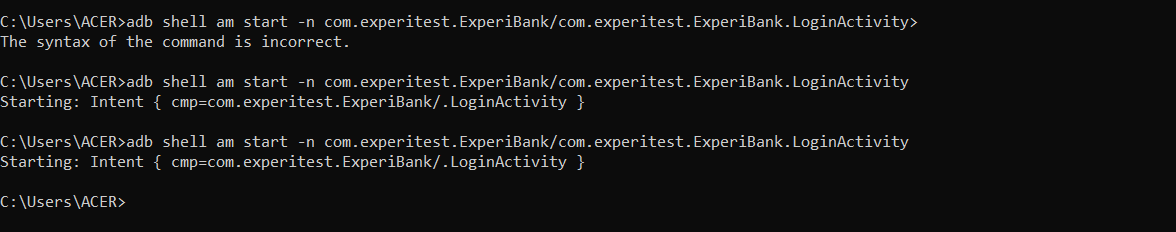


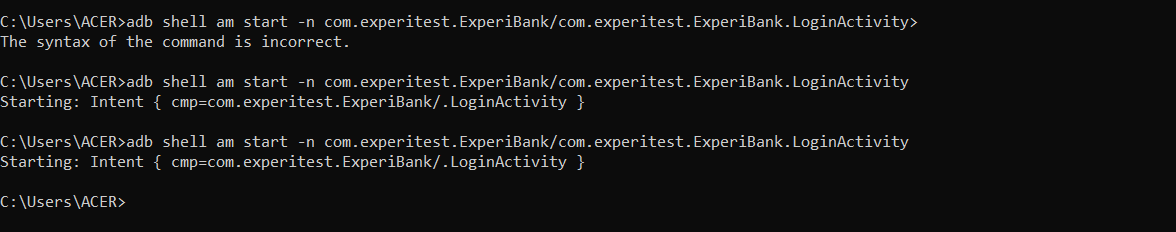
Details.txt file will be downloaded at the E drive 

Get the package name and the feature name

Demo command

adb shell am start -n <PackageName>/<LaunchActivity>





A screenshot of a computer screen

Description automatically generated

Srart the server of Appium

Click on Inspect

Give the path of the EriBank.apk file path

E:\jar\_files\_selenium\Mobile Automation\_Appium\EriBank.apk

A screenshot of a cell phone

Description automatically generated

Click on Plus symbol – give the name of the package name which is present under Details.txt file

A screenshot of a computer screen

Description automatically generated

Add – app activity -./LognActivity

A screenshot of a social media post

Description automatically generated

Save the session

A screenshot of a social media post

Description automatically generated

A screenshot of a social media post

Description automatically generated

automationName = give value as UiAutomator2

A screenshot of a social media post

Description automatically generated

Add platformName = Android

A screenshot of a computer screen

Description automatically generated

Click on start session

A screenshot of a cell phone

Description automatically generated

Appium server is Up and Running

A screenshot of a social media post

Description automatically generated

Search using id

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Send keys

A screenshot of a computer

Description automatically generated

A screenshot of a cell phone

Description automatically generated

A screenshot of a computer screen

Description automatically generated

Npm – node js registry (npm is package installer )

npm install appium

all the programs form npm registry will go to the (node modules )

Run time Environment to run the java script programs

A screenshot of a computer screen

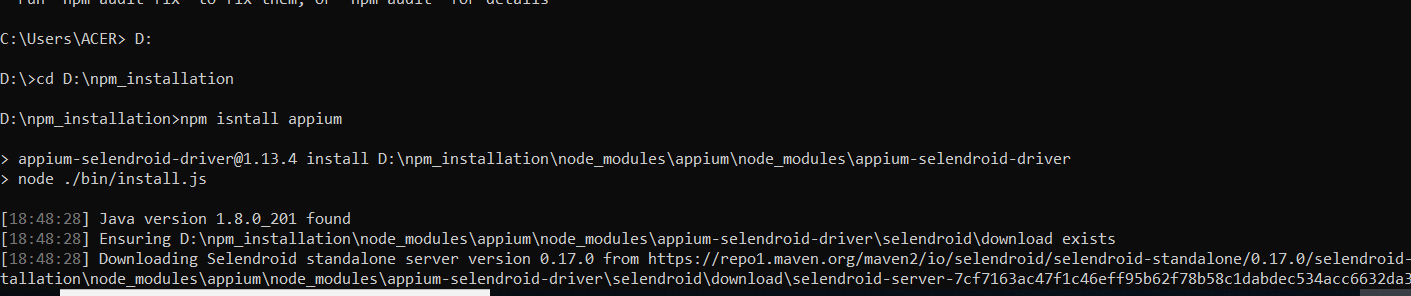
Description automatically generated

Change the directory file to D drive where all the node packages will be installed

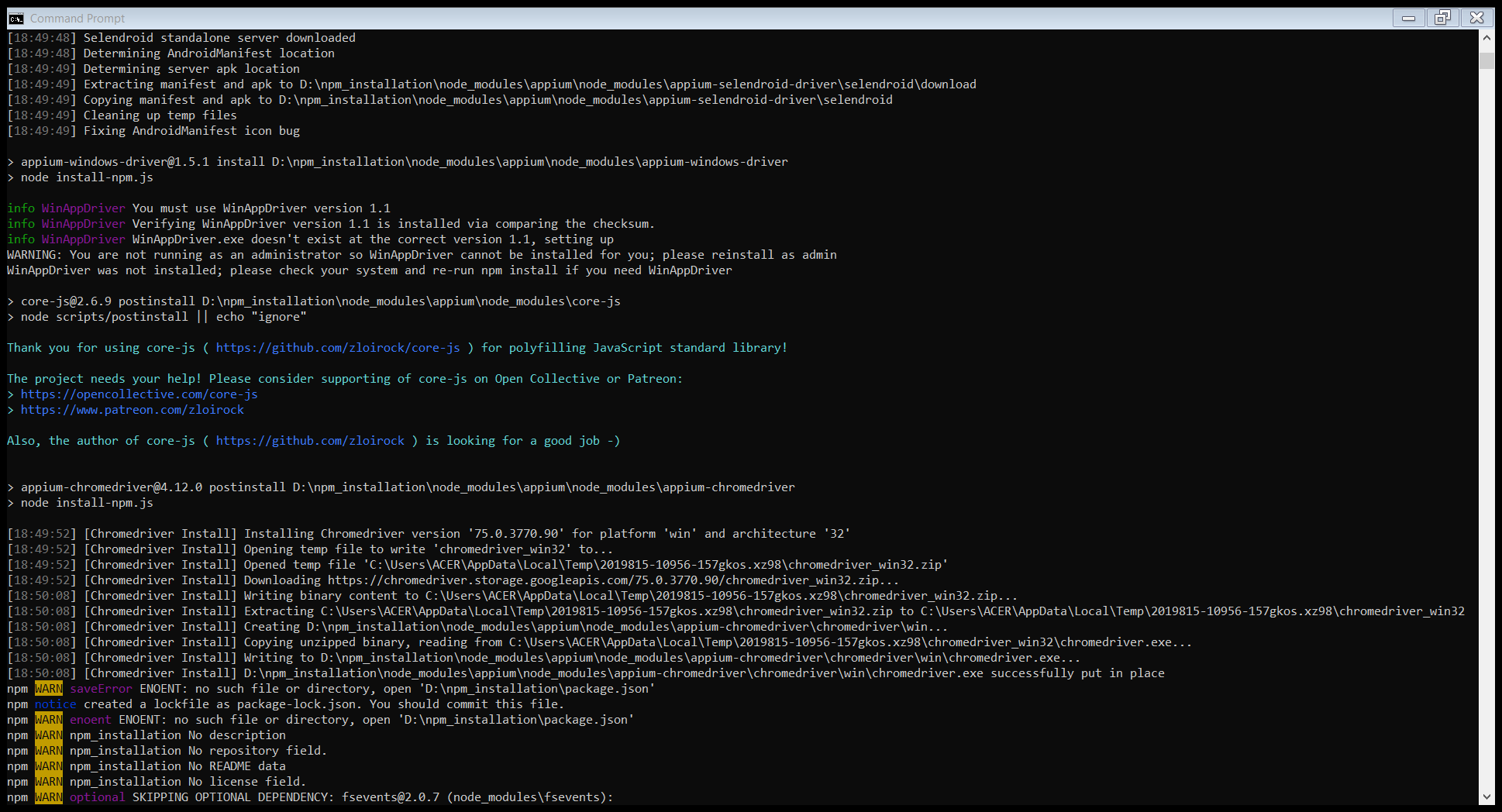
Create new folder inside D drive

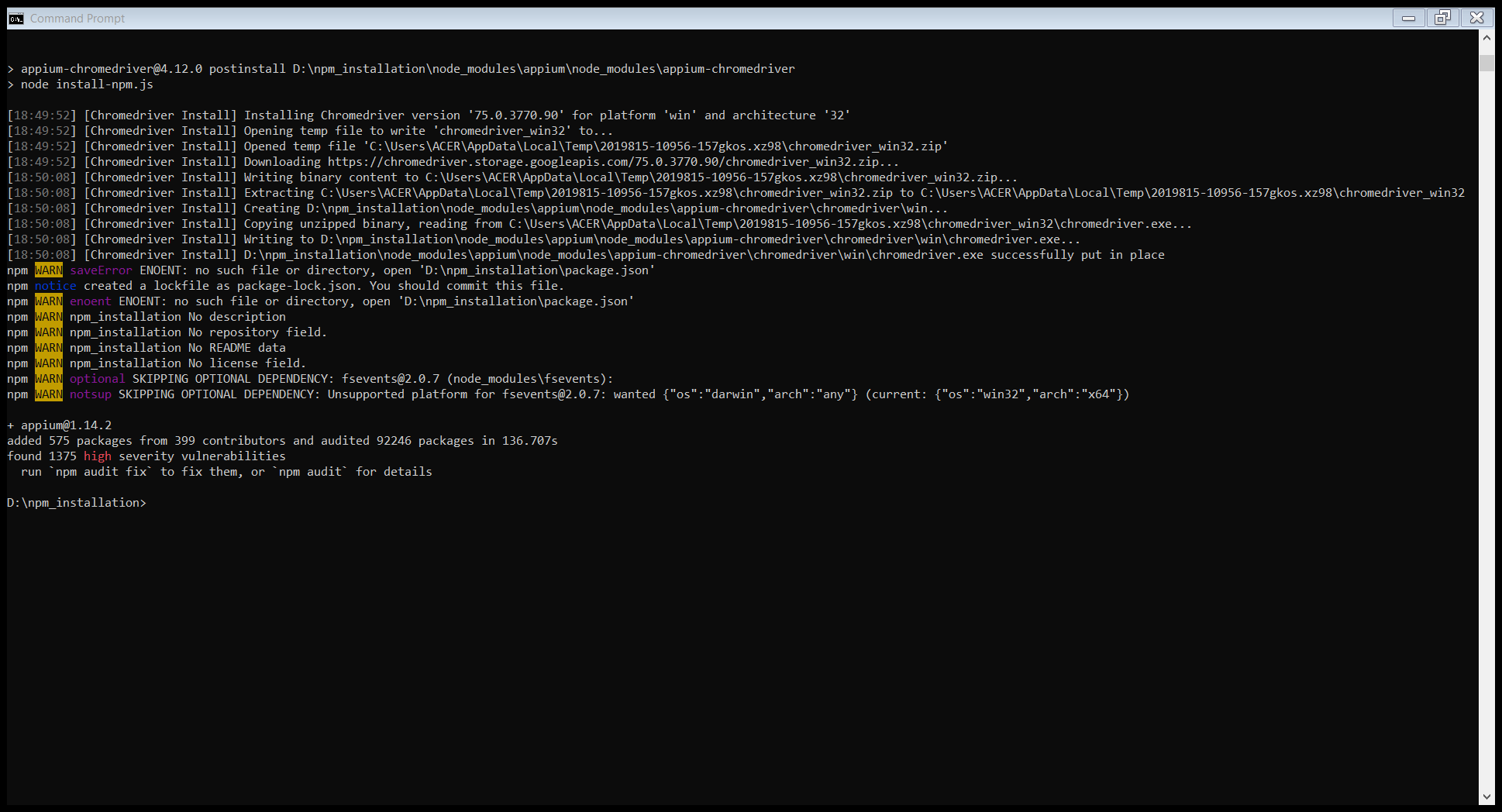
D:\npm\_installation\node\_modules

Go the folder path using command prompt



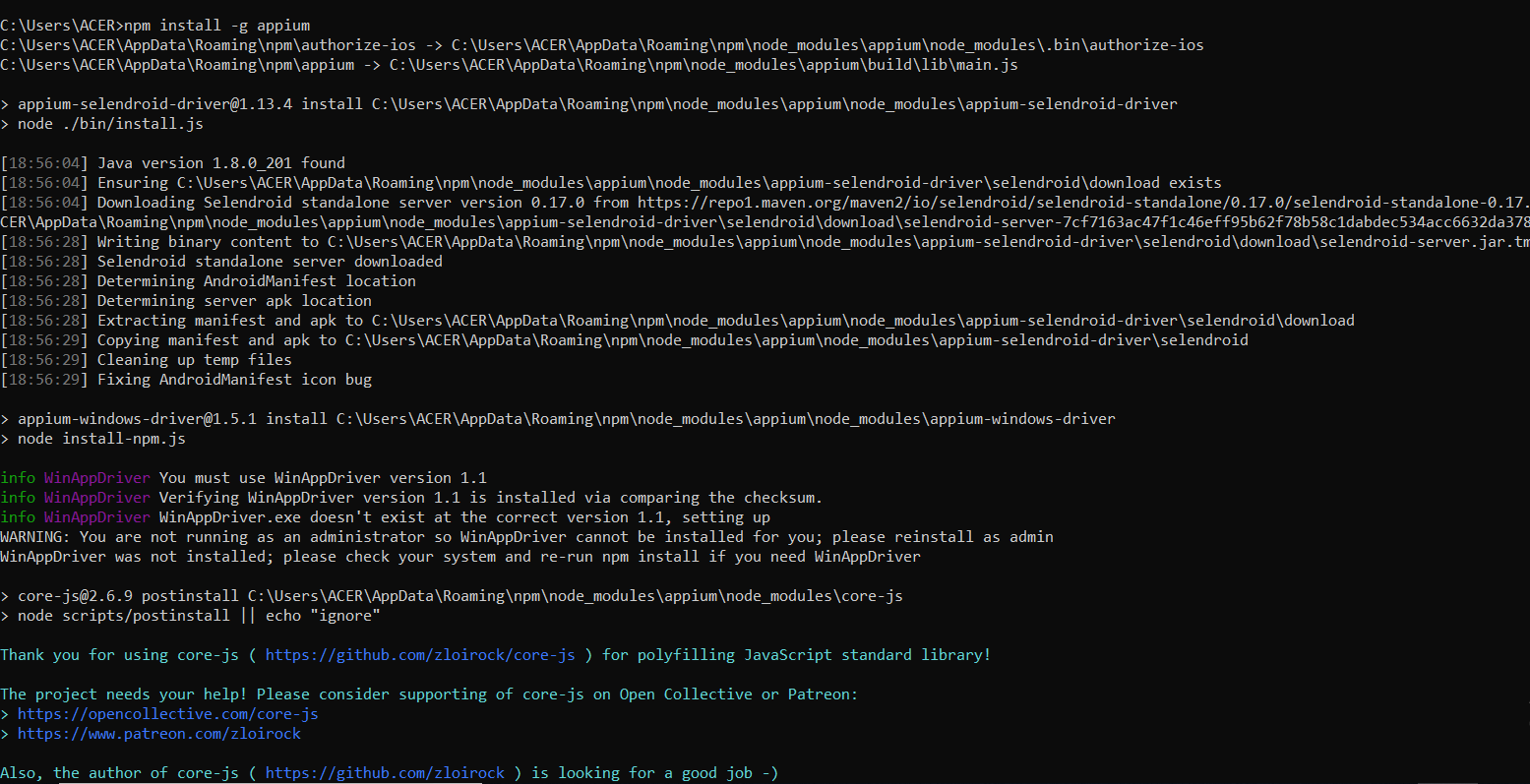
Now type the following command – npm install appium





How to do global install for npm

Command – npm install -g appium



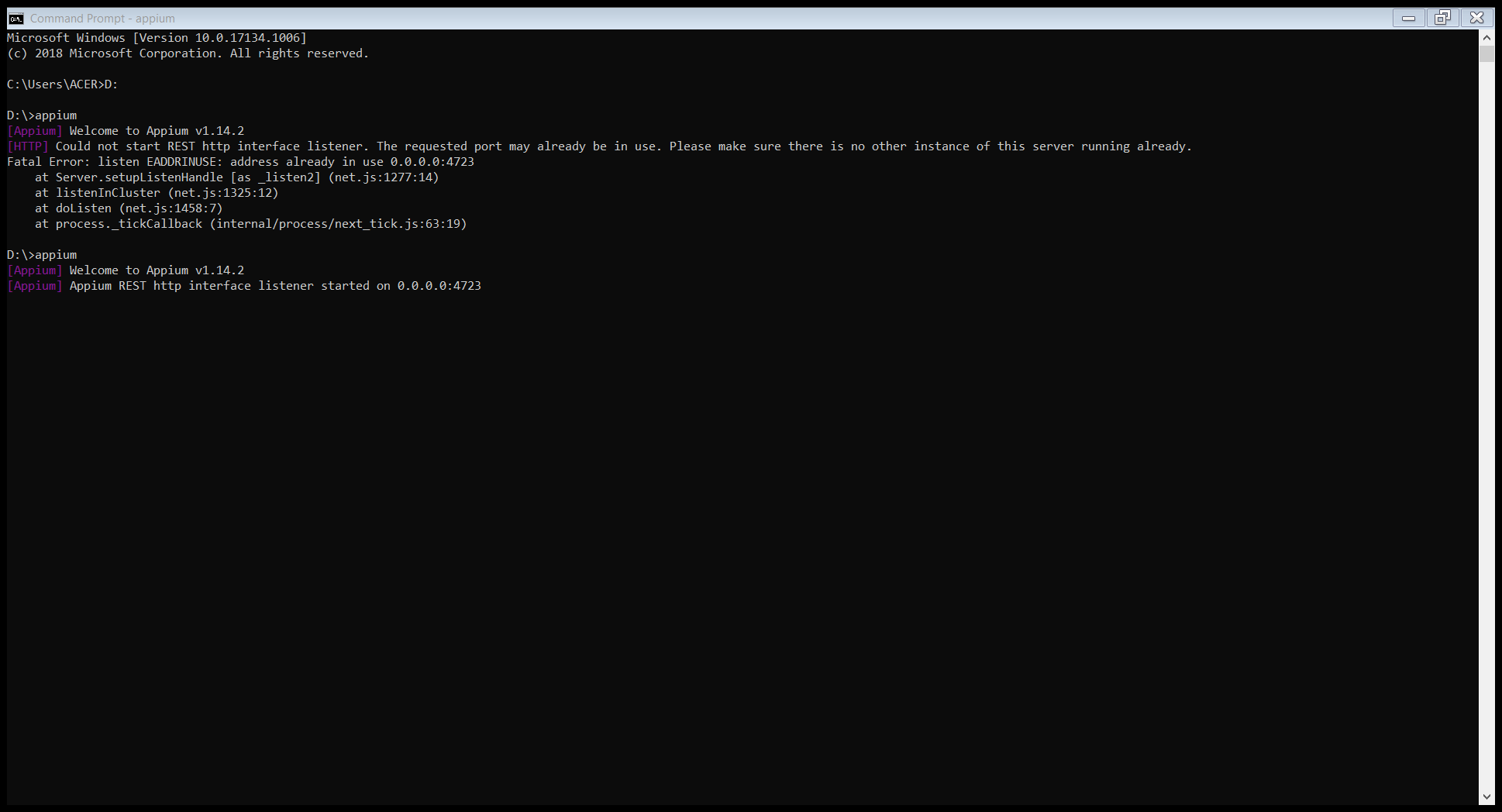
A screenshot of a cell phone

Description automatically generated

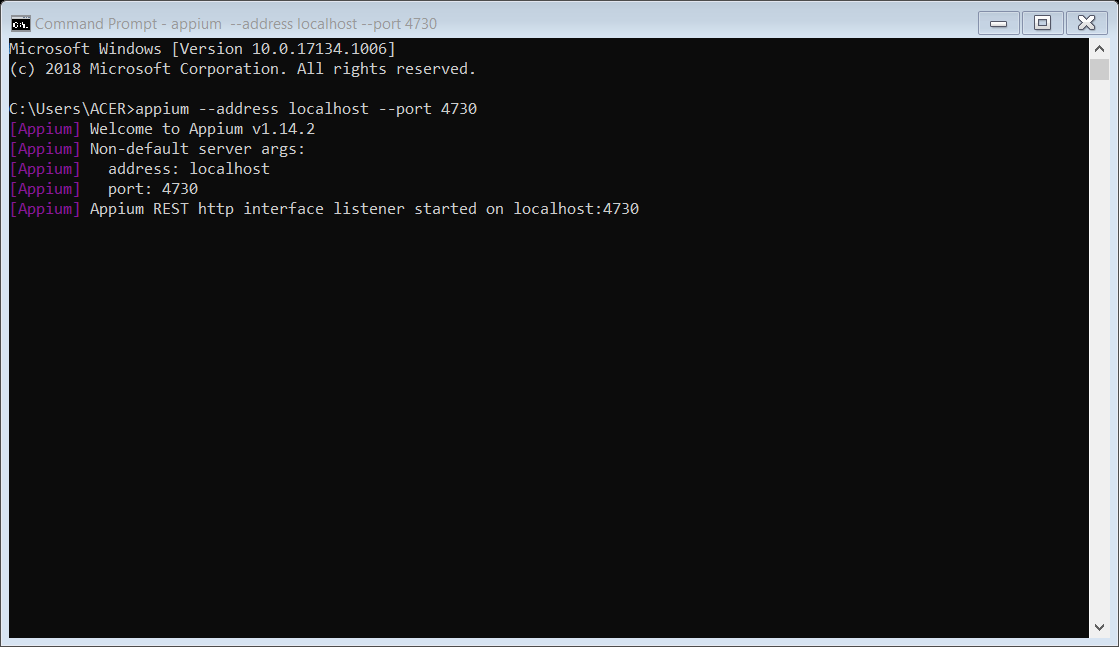
To run the appium server

Type appium from any directory as the appium server is installed globally

To start the appium server default (it will give default IP Address)



appium –adress localhost --port 4730



To see the local host server

A screenshot of a computer screen

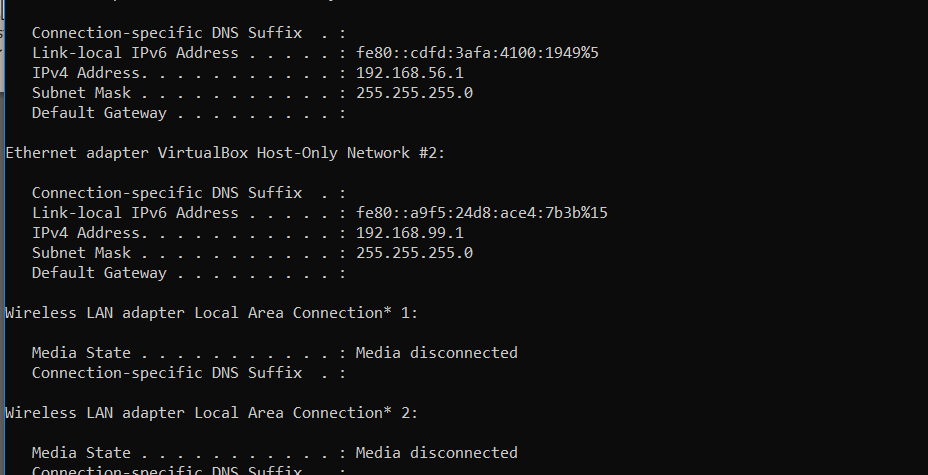
Description automatically generated

Now at the code comment the server url code

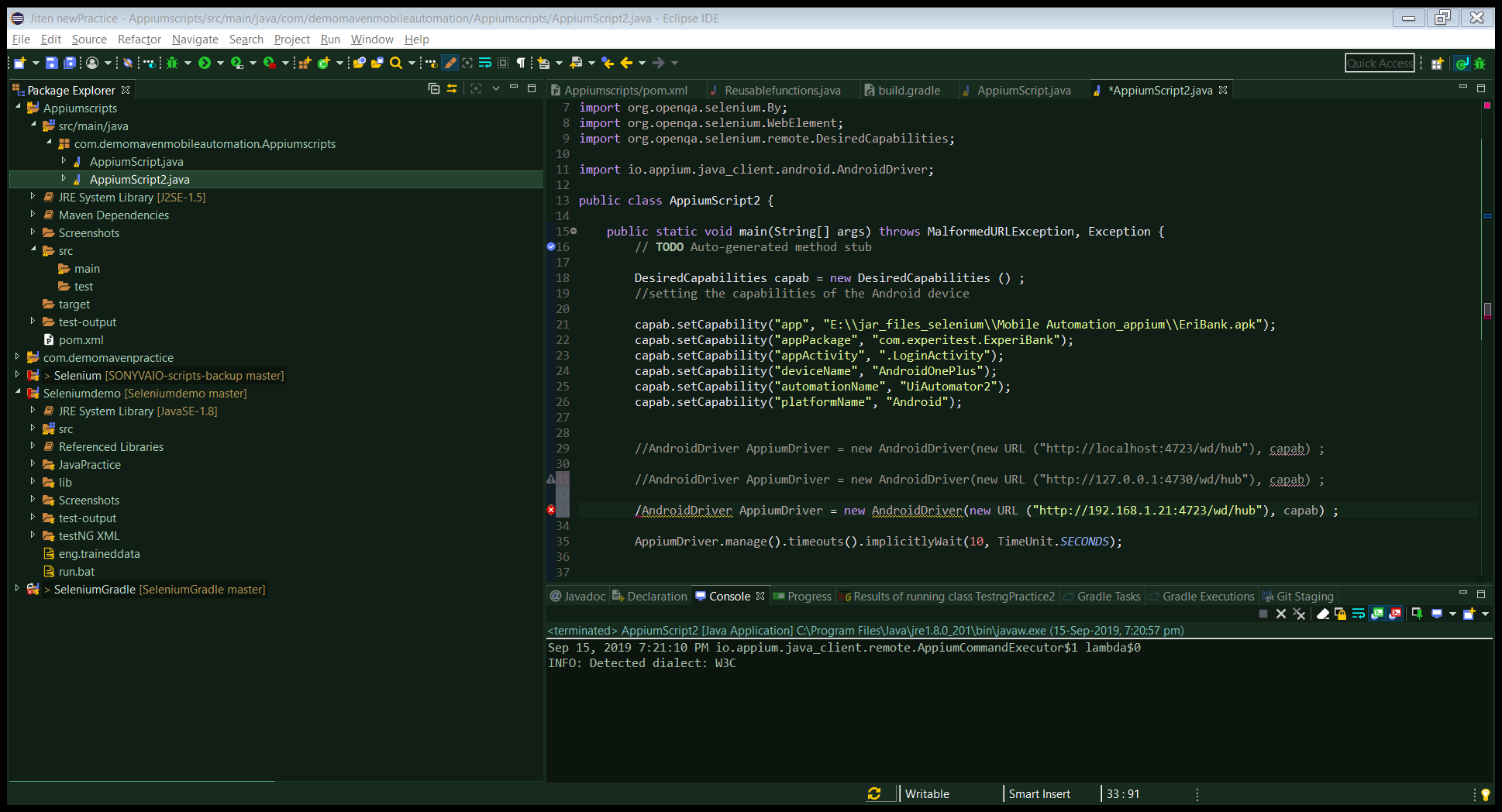
Change the url to the local host to 127.0.0.1



For the server give the IP4 address –



Give the IP address of the server as well as the port hub



Select new Environmnent variables under system variables

A screenshot of a computer

Description automatically generated

Java compile setup for maven project

To run as a compiler through maven

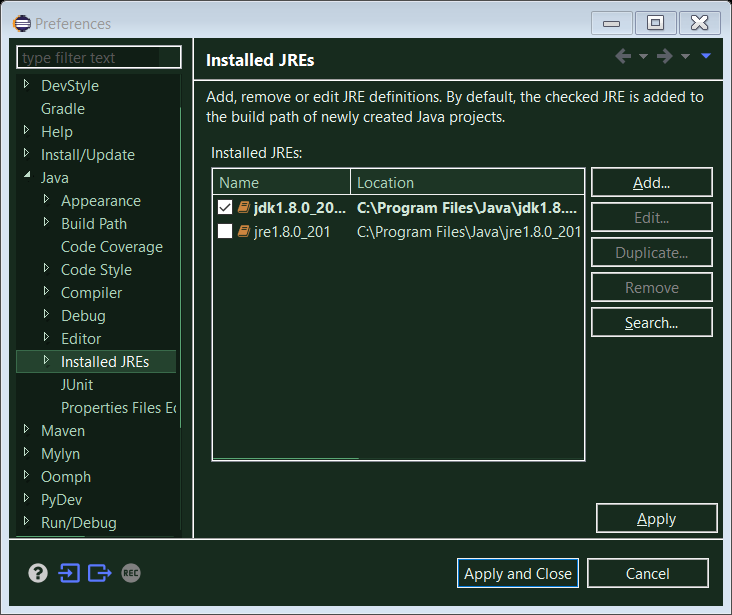
A picture containing indoor

Description automatically generated

Set the java build path to jdk 1.8

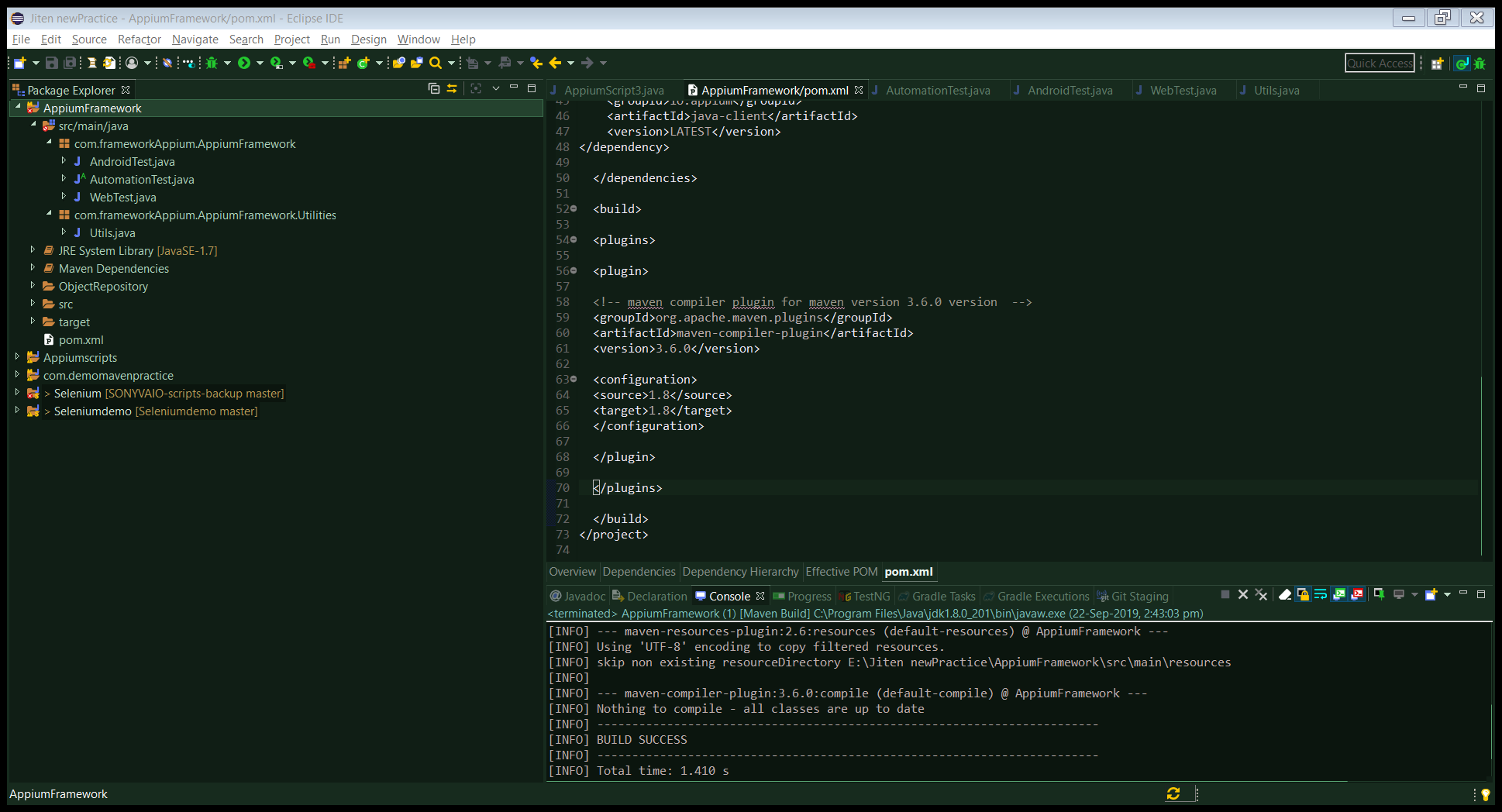
Windows >preferences>java > java buld compiler

Addthe jdk path



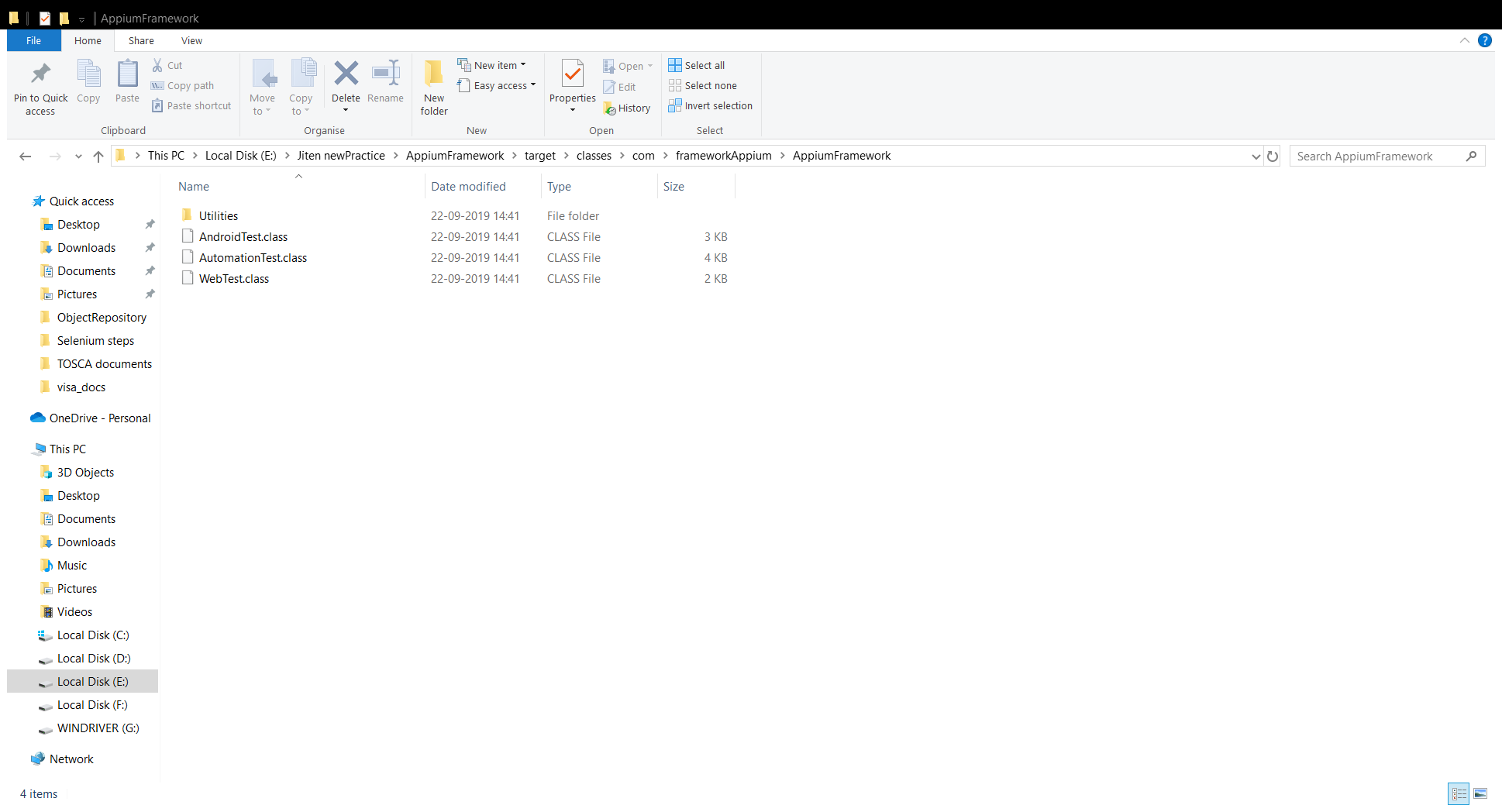
Select jdk

Run as Maven build > give goal as compile

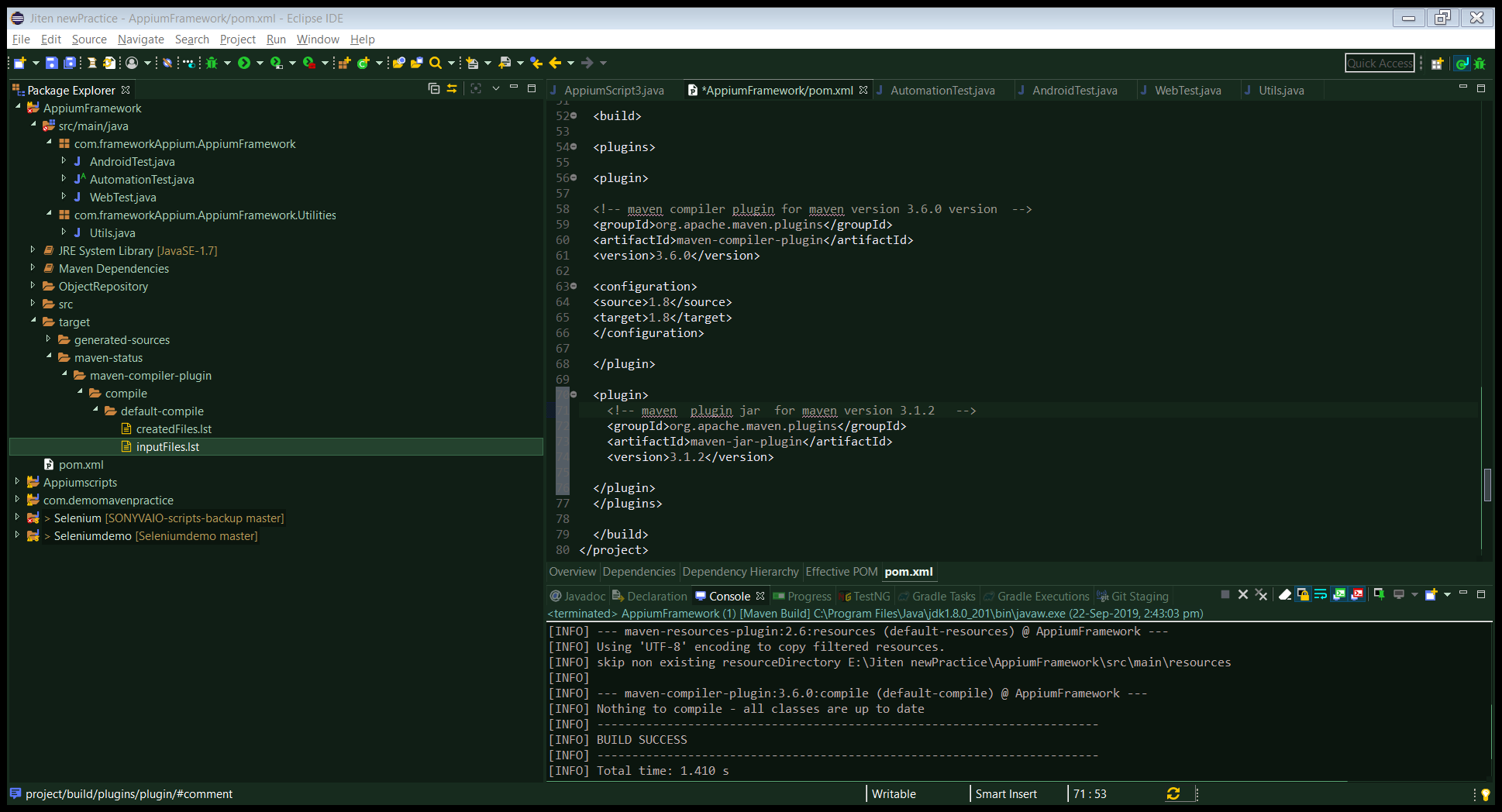


Maven as compilation tool

Go to the target folder under the maven project file – it will create .CLASS file which maven has compiled - .CLASS file is not readable



Now add dependency of maven jar file



Mvn repository – this is the dependency to add the maven pluggin jar file

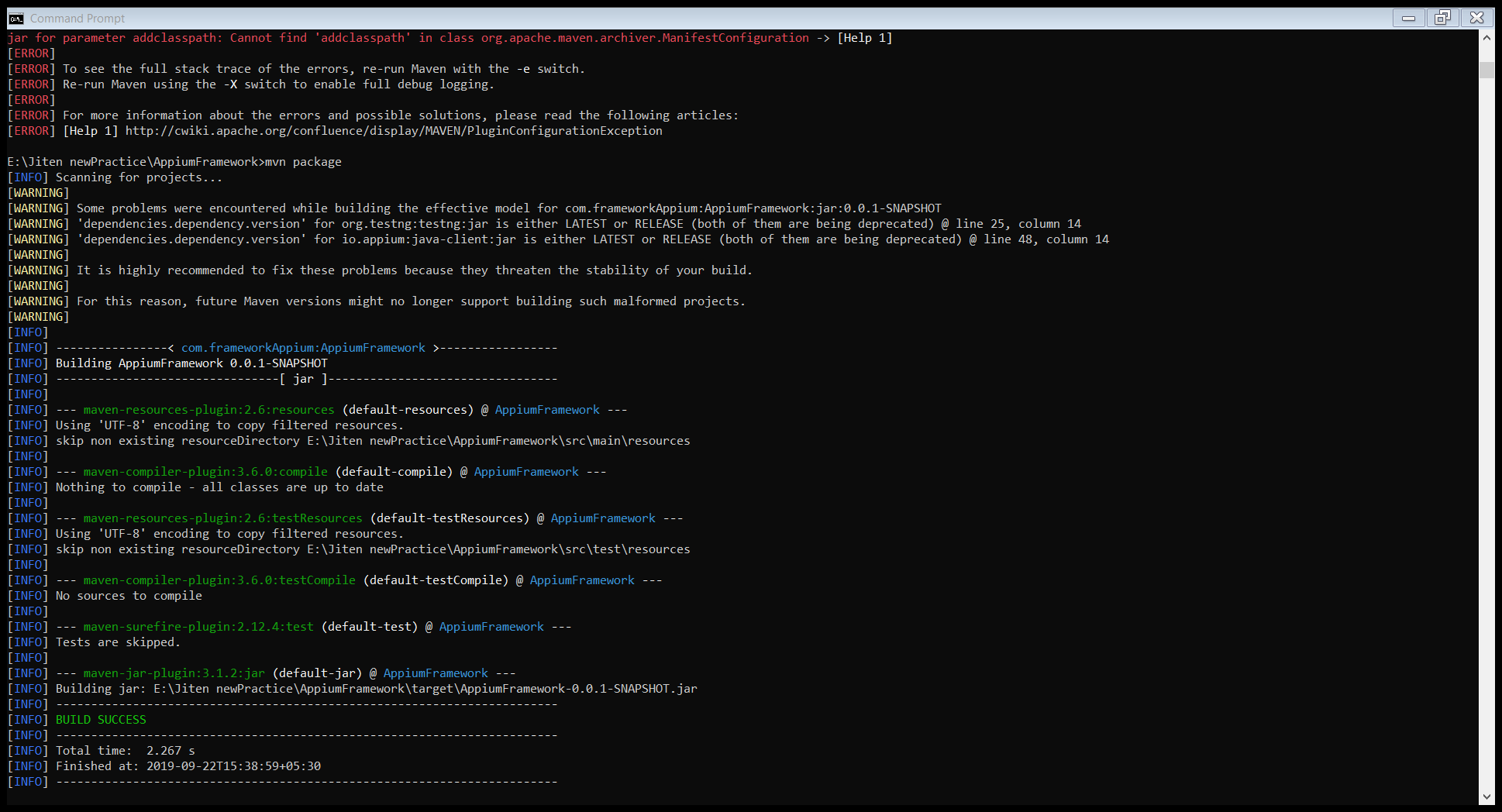
A screenshot of a social media post

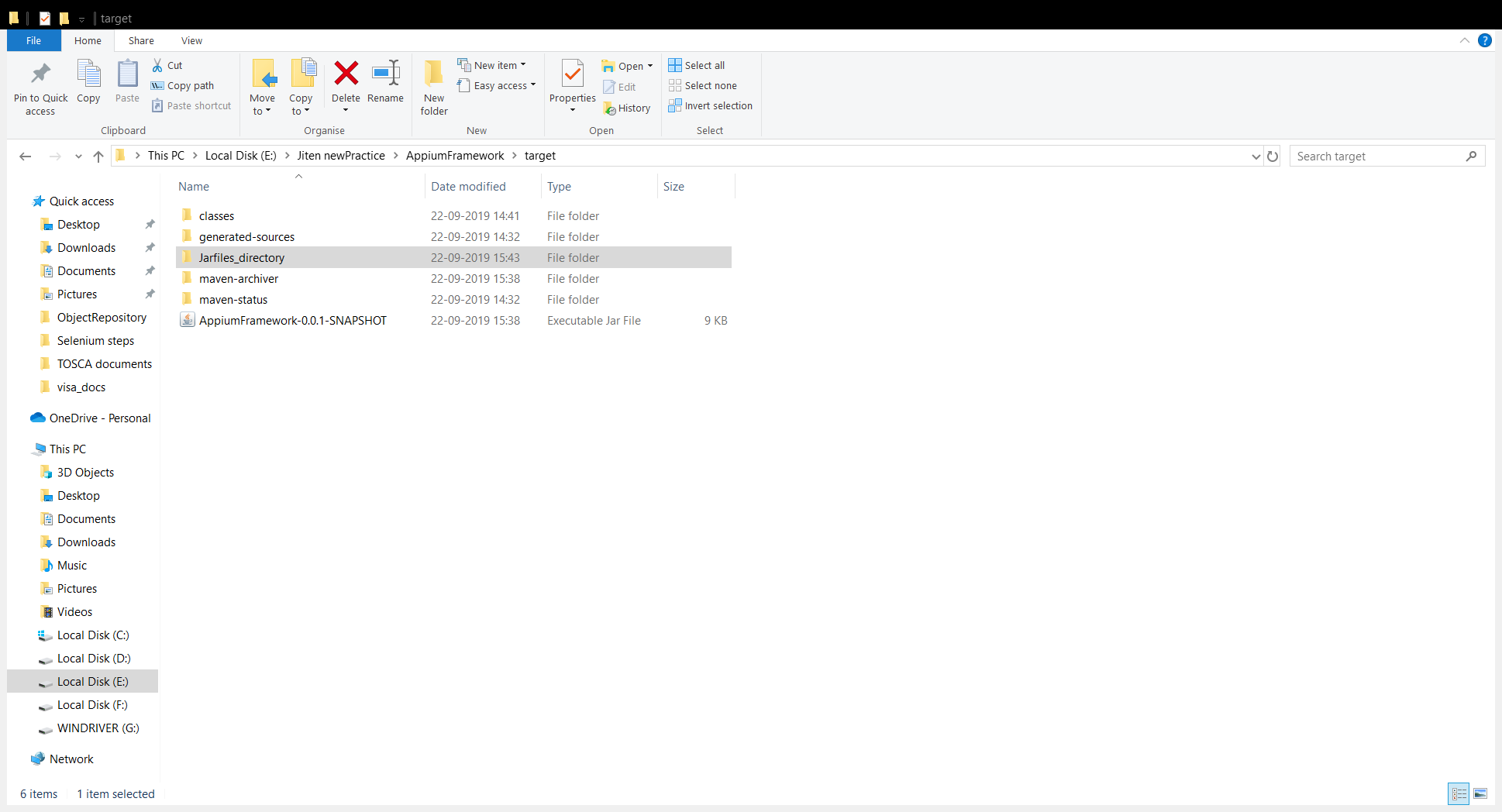
Description automatically generated

Manifest file in the jar file – it will have all the project dependency path

Run mvn package

It will create jar files at the target folder





Jar file will be created

Now extract the jar files and put it inside the blank directory

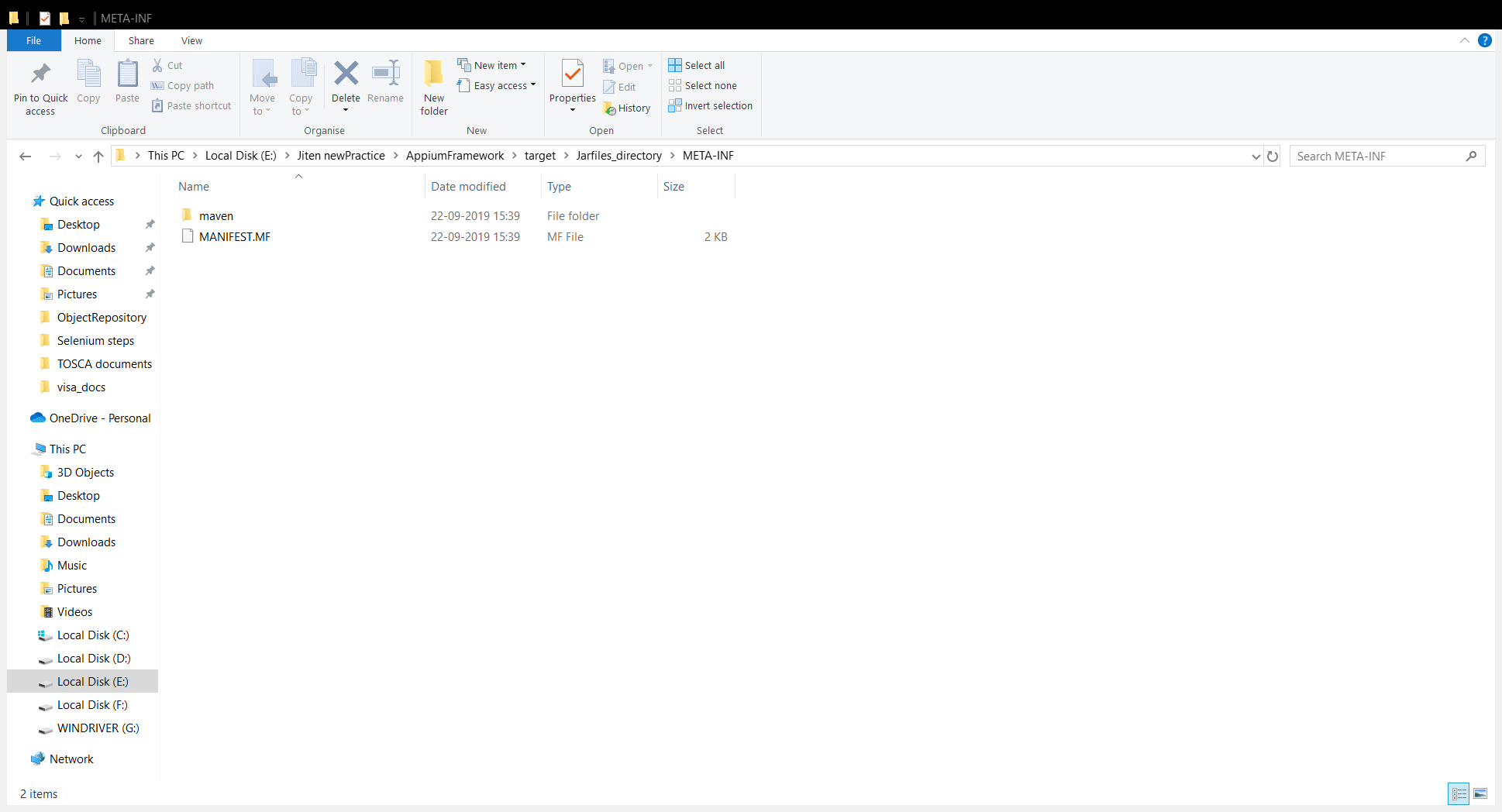
Command to run

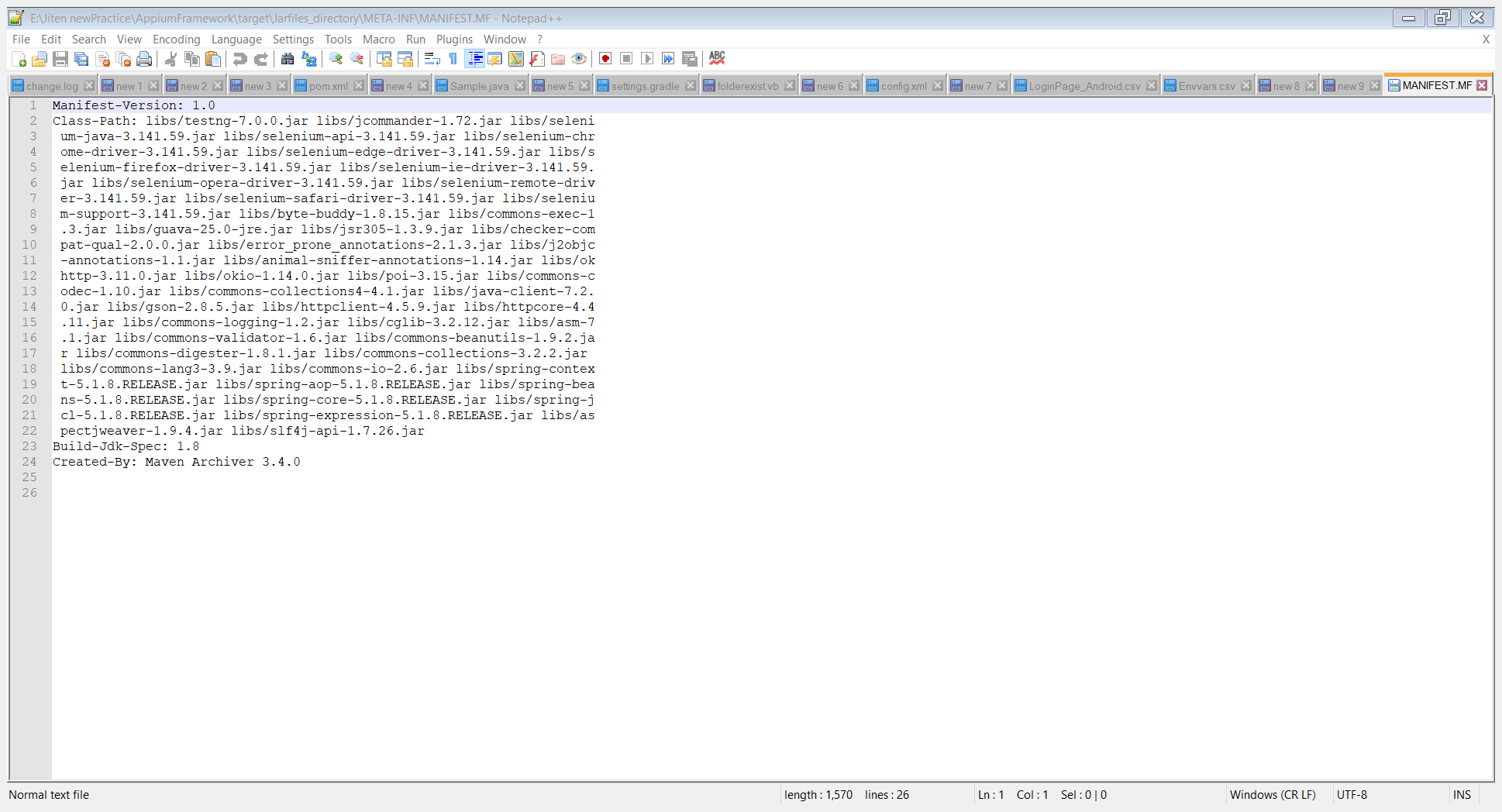
E:\Jiten newPractice\AppiumFramework\target\Jarfiles\_directory>jar -xf "E:\Jiten newPractice\AppiumFramework\target\AppiumFramework-0.0.1-SNAPSHOT.jar"

A screenshot of a computer

Description automatically generated

It will create manifest file under the blank directory

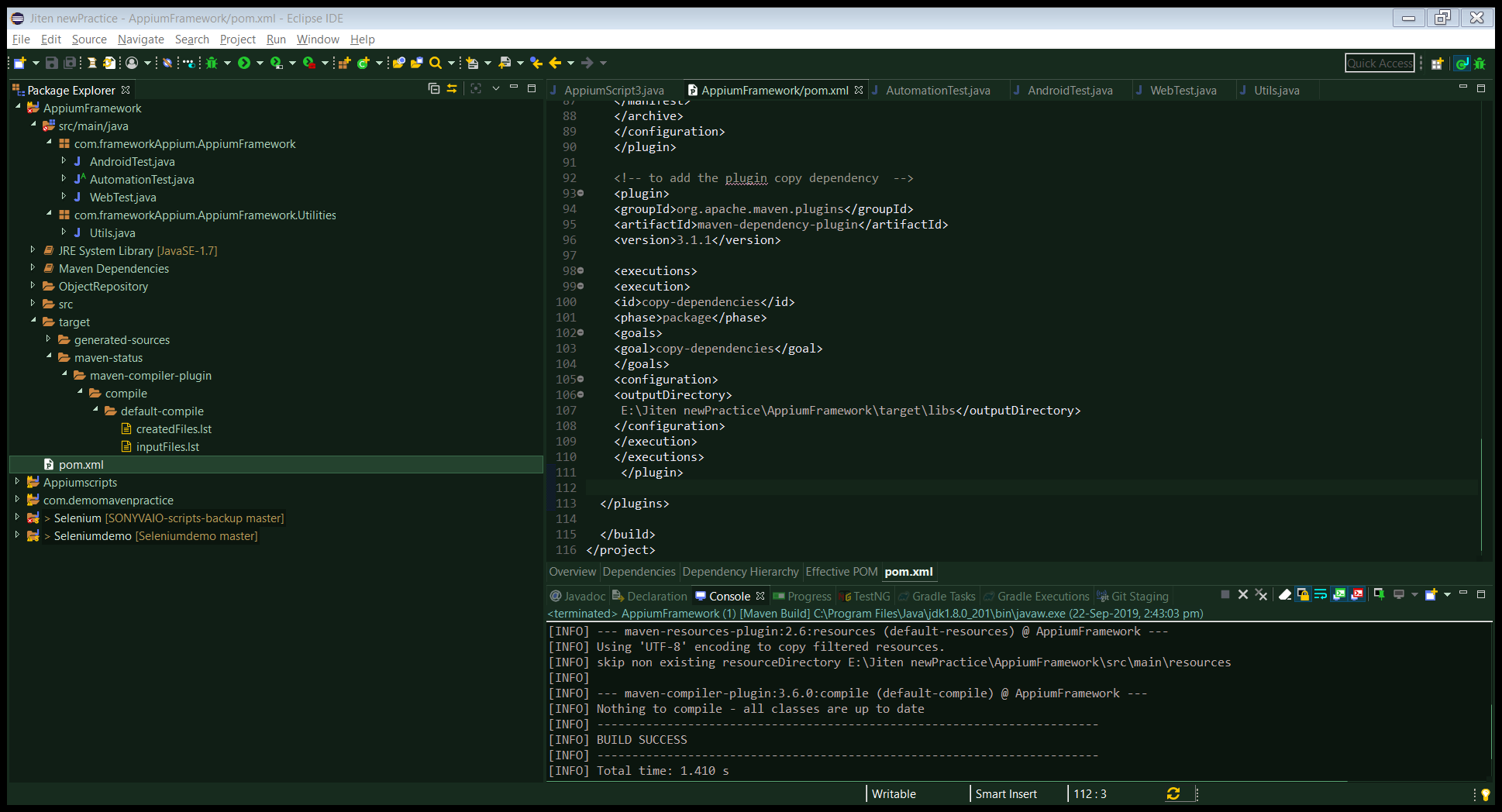




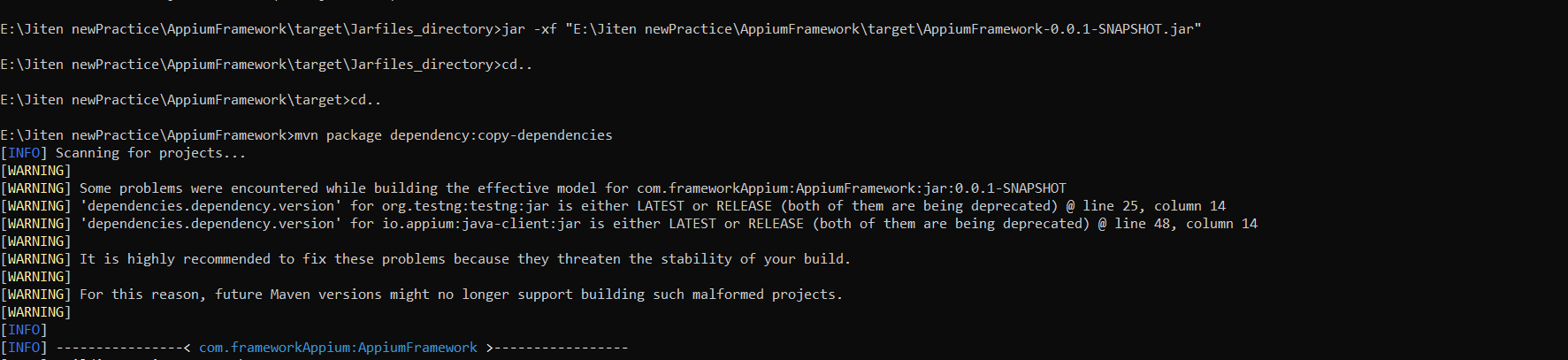
Open the manifest files

Copy dependencies path

Add the dependency plugin for copy

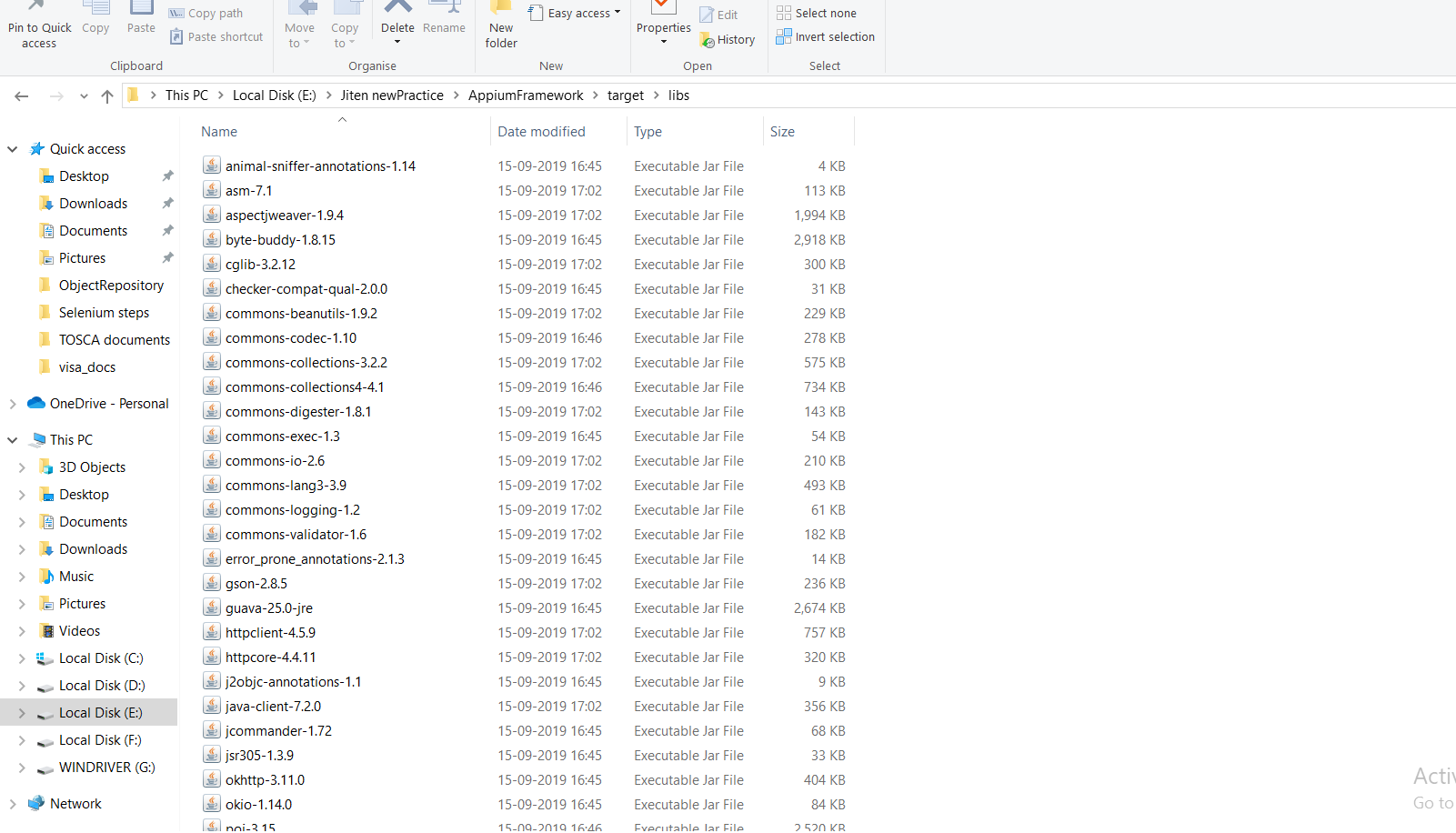


Give the target folder path where the dependencies would be stored

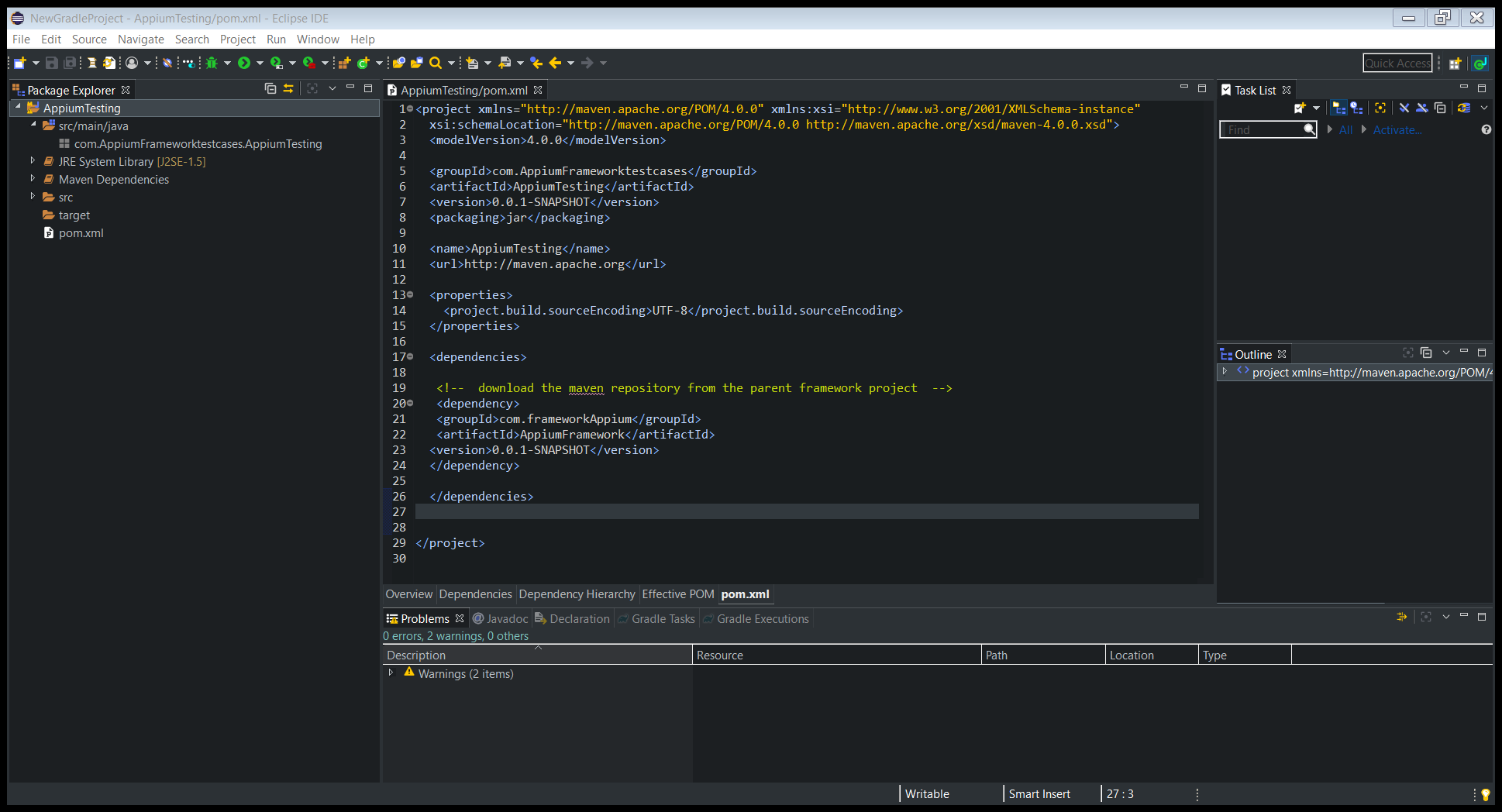


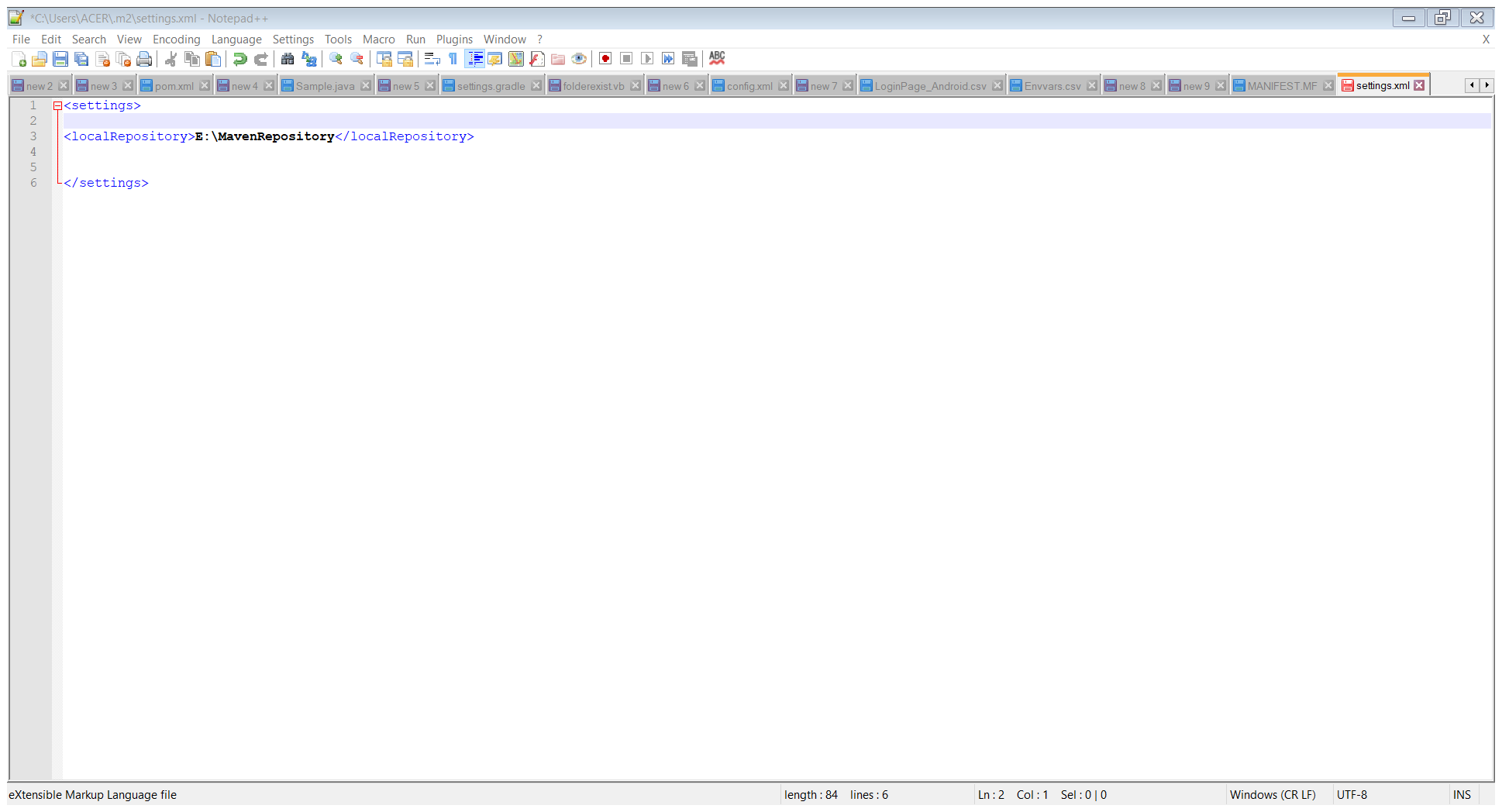
Dependency will be copied under the target folder path

E:\Jiten newPractice\AppiumFramework\target\libs



To download the maven parent folder path :-





Update the local repository