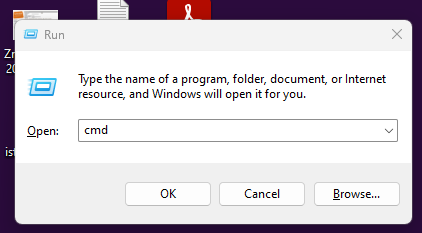
Introduction to Test Automation with REST Assured

Installation guide

# Check prerequisites.

## 1.1 Check Java version

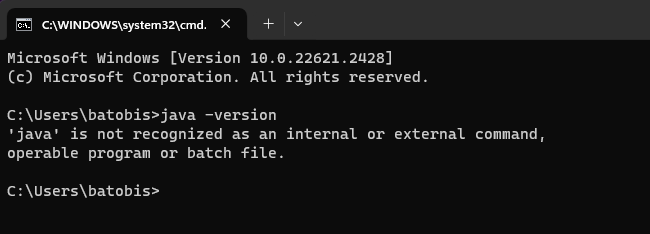
Press “**Windows +R**”, type „**cmd**” and press Enter or click “**Ok**”.

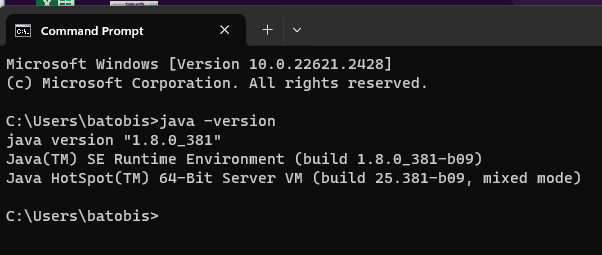


Command prompt should appear on your screen.

Let’s check if you have Java installed on your computer.

Type “**java -version**” and press “**Enter**”





If the response is like the one shown above or similar, you probably don’t have Java installed.

If in response information about your Java version is given, then skip 2. paragraph (Java Installation) of this instruction.

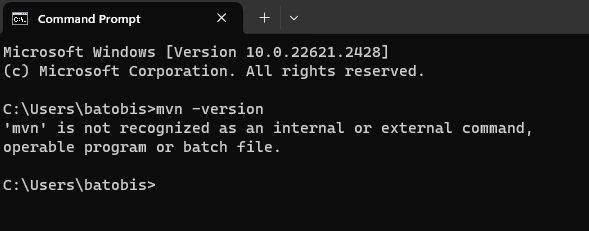
## 1.2 Check Maven version

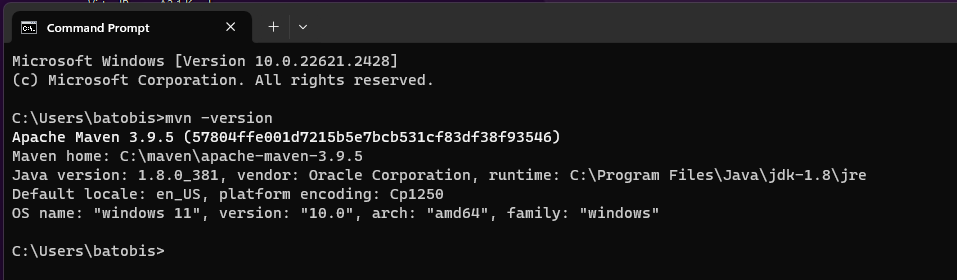
Now you have to check if Maven is installed on your machine:

In command prompt type “**mvn -version**” and press **Enter**

If the response is like the one shown above or similar, you probably don’t have Maven installed.

If in response information about your Maven version is given, then skip 3. paragraph (Maven Installation) of this instruction.





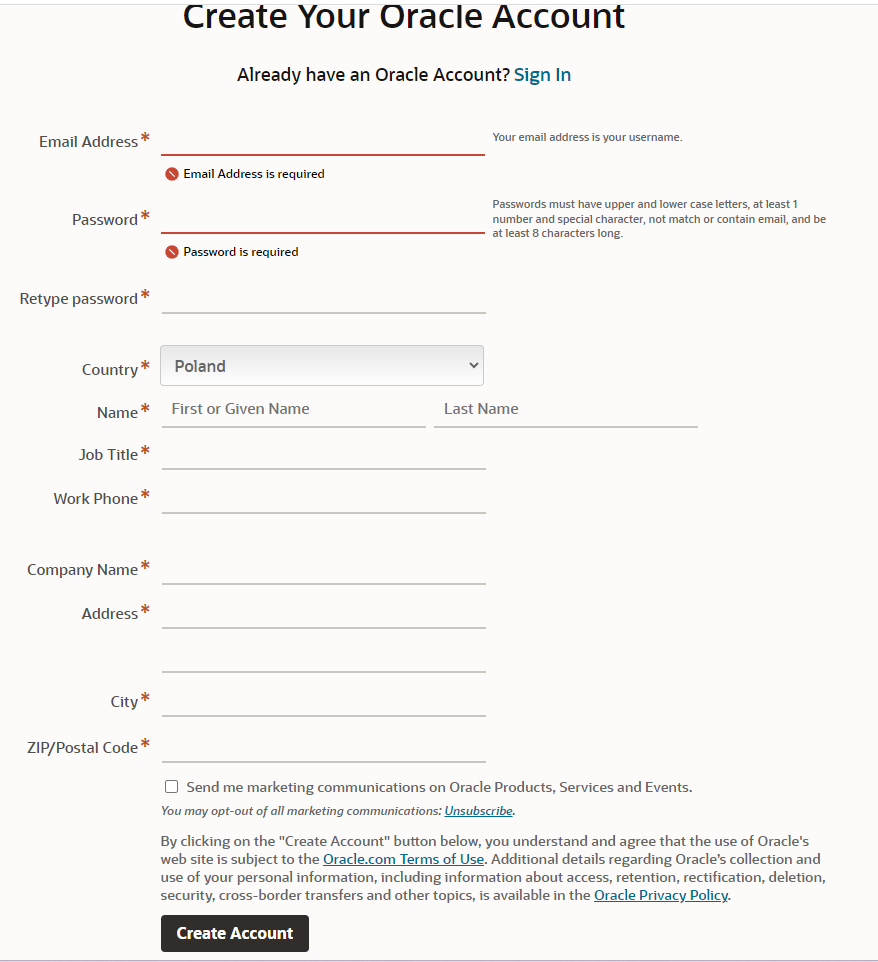
# Java Installation

To download Java you need to have an Oracle Account. If you already have one, please sign in and skip **2.1 Oracle registration** step from this instruction.

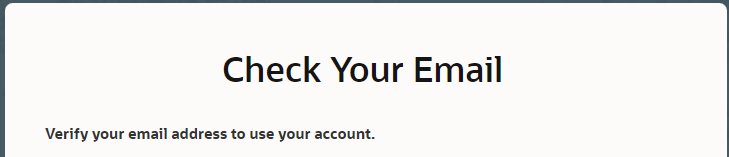
## 2.1 Oracle registration

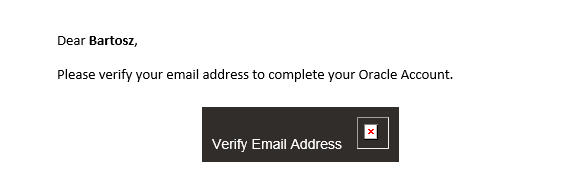
Go to: <https://profile.oracle.com/myprofile/account/create-account.jspx>

Fill the form and press “**Create Account**” button.



Then please check your email inbox and verify your email address by clicking “**Verify Email Address**” button.

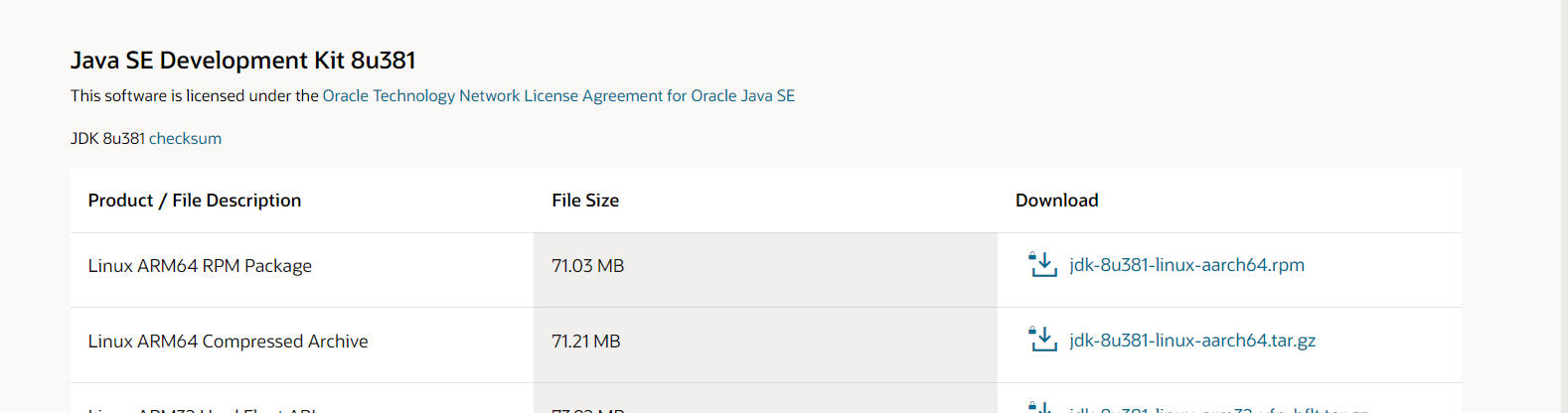


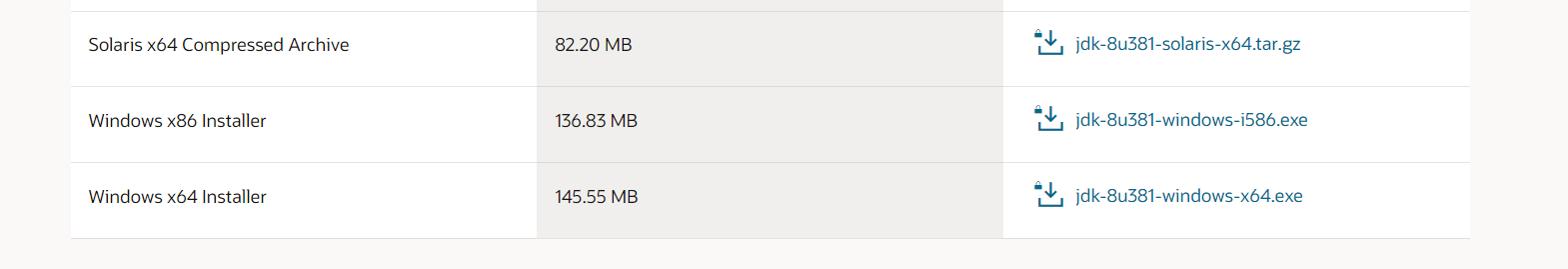


Then please sign in using created account credentials on <https://login.oracle.com/mysso/signon.jsp>

## 2.2 Install Java

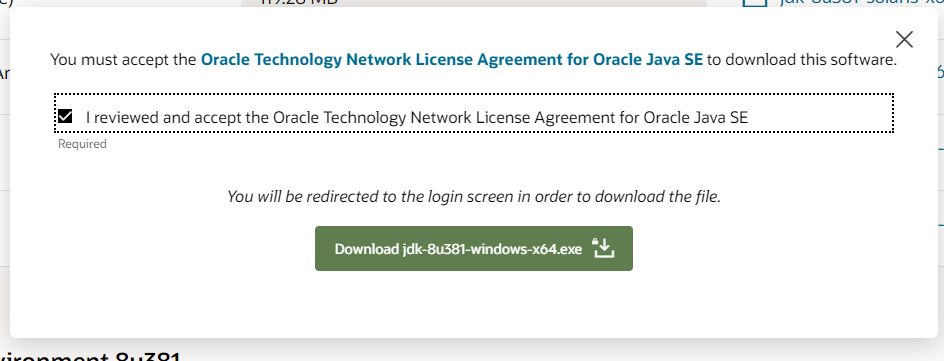
After that please open <https://www.oracle.com/java/technologies/javase/javase8u211-later-archive-downloads.html>

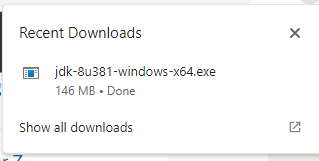




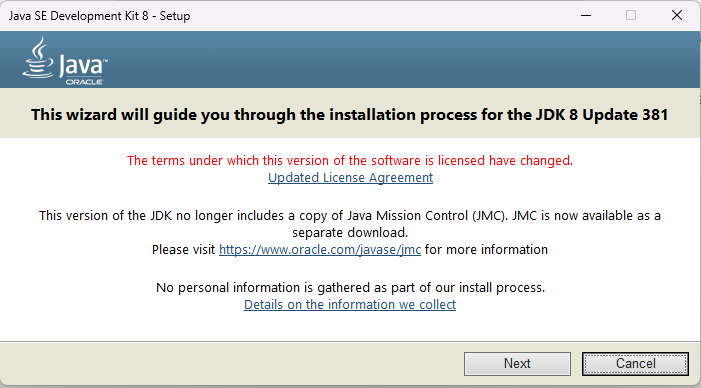
Select installer for “Windows x64 installer”.

Download the file and open it.

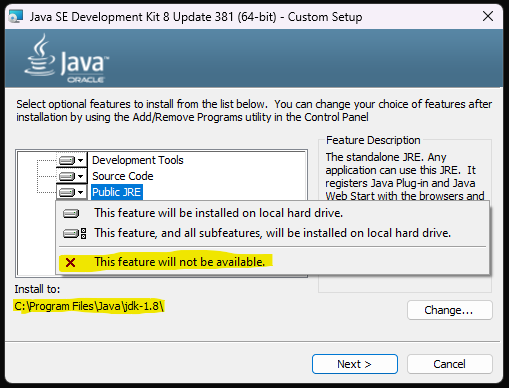




The following window should appear. Please click “Next”



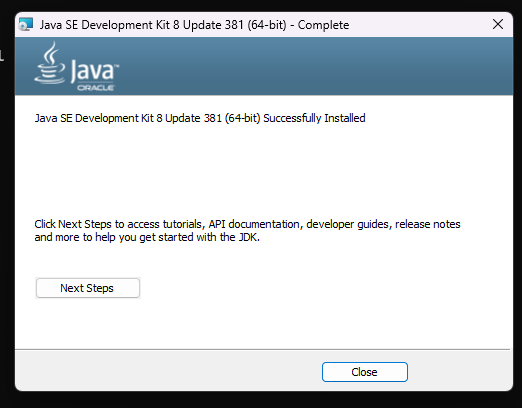
For our purposes we don’t need Public JRE, please select option shown below and press “Next”



Please remember the path to installation folder (“Install to:”).

It will be needed in further steps of instruction. Press “Next” button.

Wait until Java installation will be competed. Following window should appear:



Java is successfully installed.

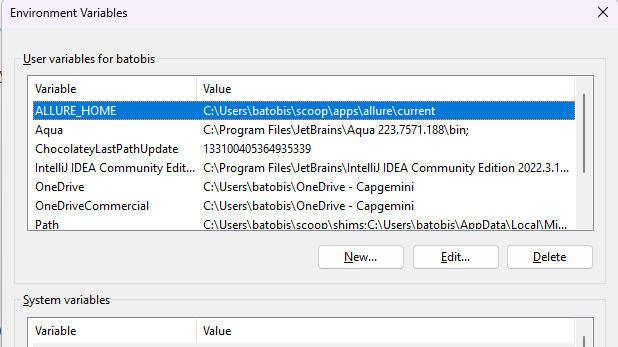
Press Close.

## 2.3 Environment Variables setup

Open Search window.

Type “**Edit environment variables for your account**” and press **Enter**.

The following window should open:

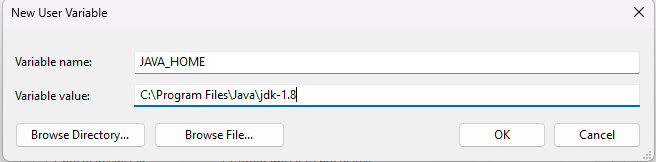


In this case we car only about “**User variables for …”** part of the window.

In the Environment Variables window, under the “User variables for…” section, click “New.”

For the “Variable name,” enter JAVA\_HOME.

For the “Variable value,” enter the path to your JDK installation directory. For example, C:\Program Files\Java\jdk-x.x.x (replace x.x.x with your actual version number).



* Click “OK” to save the variable.

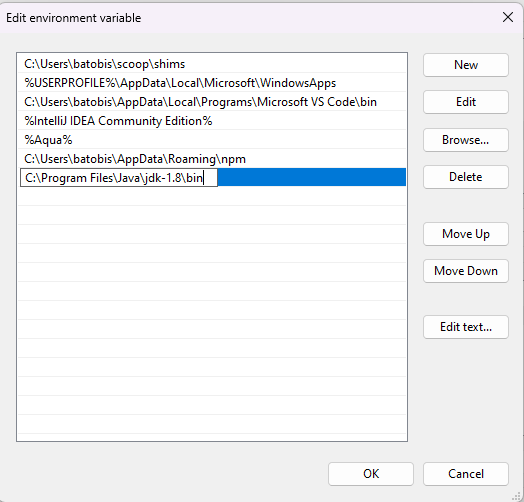
**5. Edit the PATH Environment Variable:**

Next, you need to add the bin directory of your JDK installation to the PATH environment variable.

In the same “Environment Variables” window, find the “Path” variable under the “User variables for…” section and select it.

Click “Edit.”

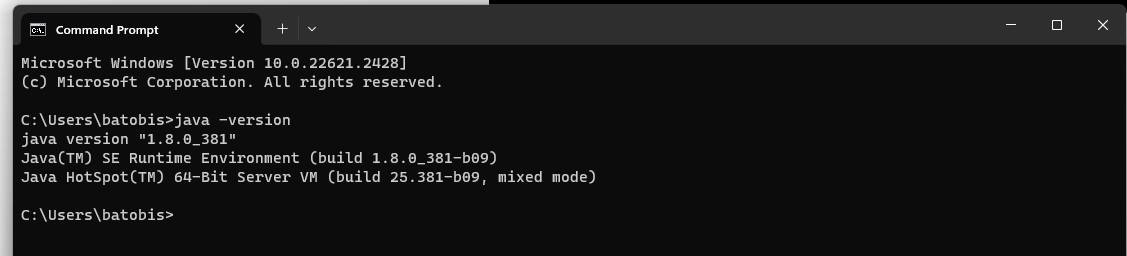
Click “New” and then add the path to the bin directory inside your JDK installation directory. For example, C:\Program Files\Java\jdk-x.x.x\bin.



* Click “OK” to save the changes

**6. Verify Your Installation:**

To verify that you’ve set up the environment variables correctly, open a new Command Prompt window and run the following commands:

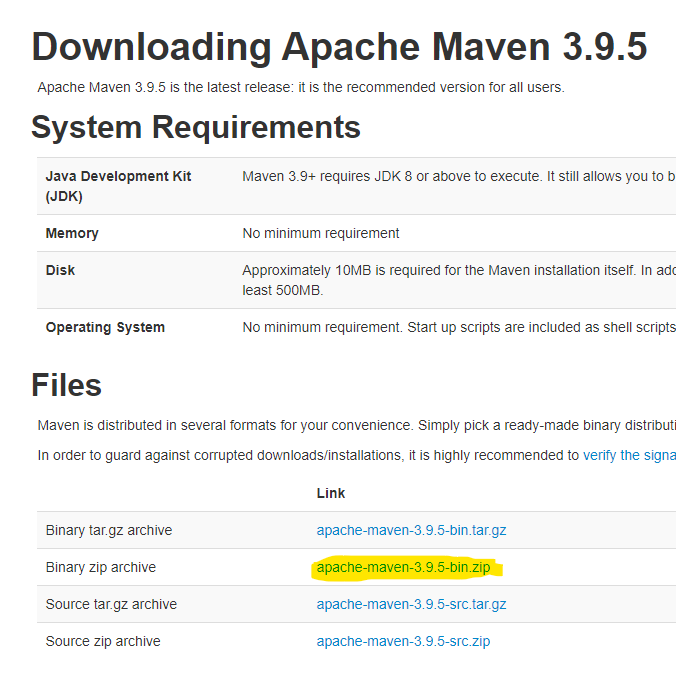


Now, you have successfully set up the Java environment variables on Windows 11. You can start developing and running Java applications on your system.

IMPORTANT: Before checking the installation make sure that you’ve closed the “Environment Variables” window and also restarted command prompt.

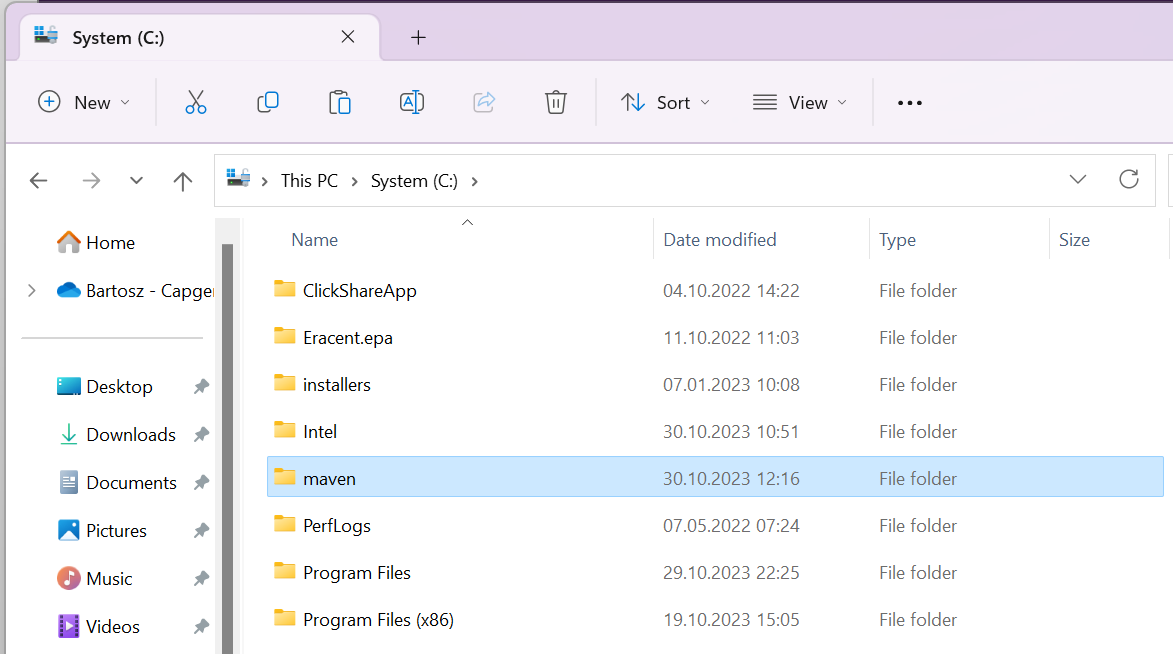
# Maven Installation

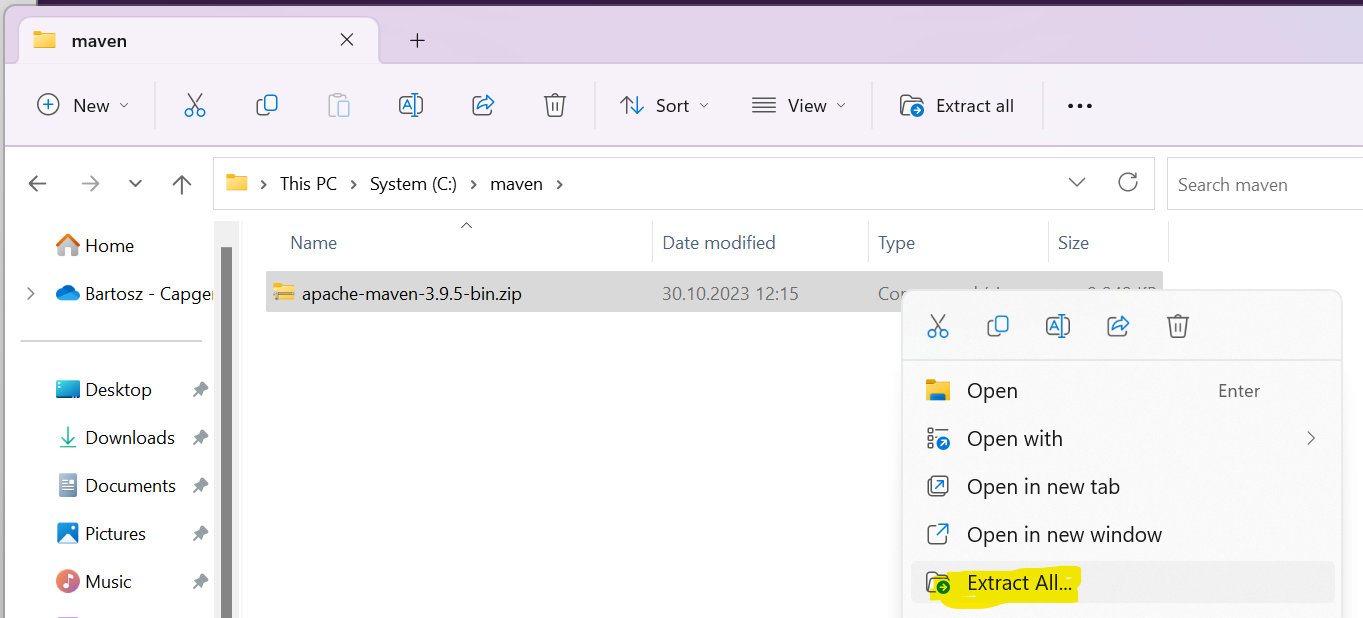
## 3.1 Download and extract files

Go to <https://maven.apache.org/download.cgi> page

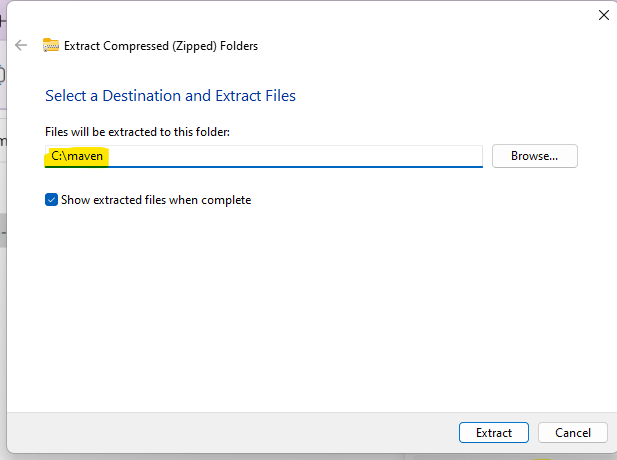
Select “Binary zip archive” link and download it.

Then, open File Explorer, go to C: and create new “maven” folder.

Copy downloaded zip file and paste it in “maven”. Then right-click on it and press “Extract All…”



Set proper destination for file extraction (“C:\maven”) and click “Extract”



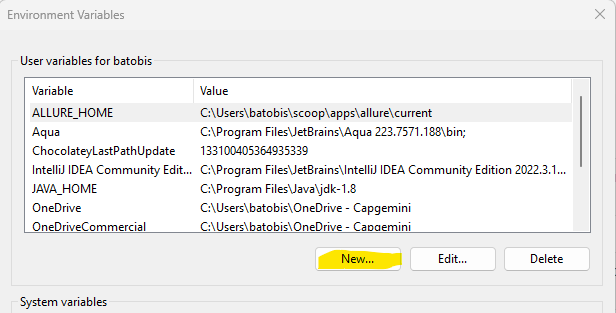
## 3.2 Environment Variables setup

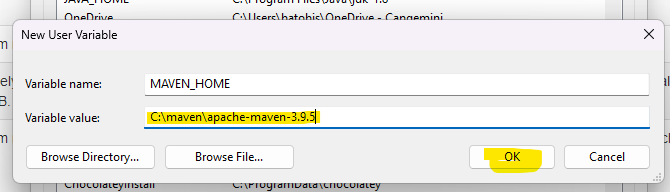
## Similar to Java, we also have to edit Environment Variables.

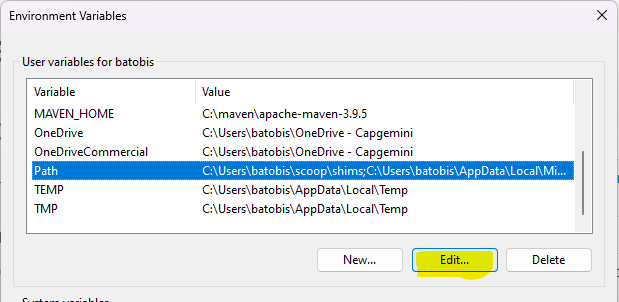
Open Search window.

Type “**Edit environment variables for your account**” and press **Enter**.

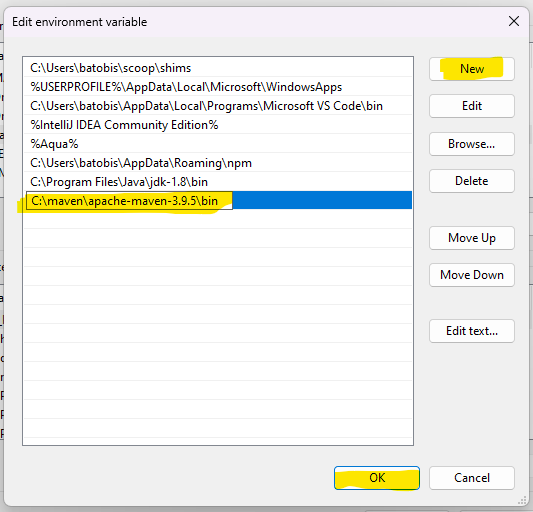
The following window should open:

Click “New”. Set “Variable name” to “MAVEN\_HOME”. In “Variable value” provide path to your maven folder. Press ok.

New entry “MAVEN\_HOME” should appear. Now select “Path” entry and click “Edit…”



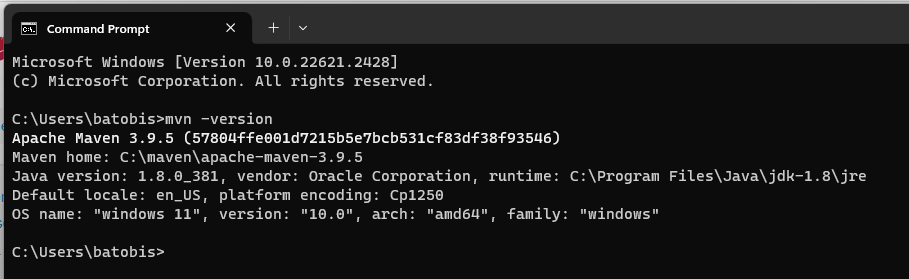
Press New and provide path to your maven subfolder “bin” (Just add “\bin” to maven folder path from previous step).



After that press “OK” and close Environment variables window.

Open command prompt. Type “mvn -version” and press Enter.

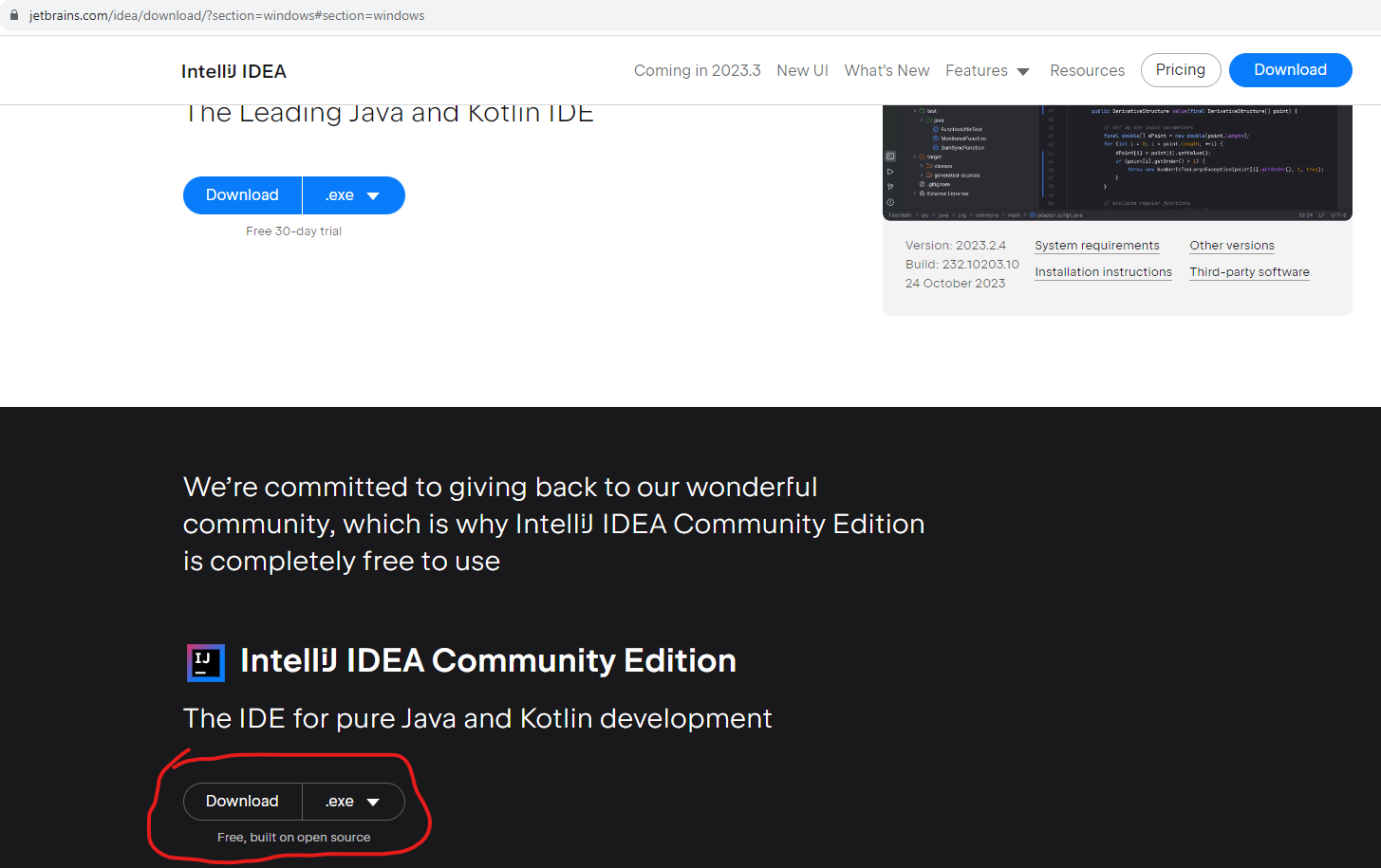
The following information about installed maven should be provided:



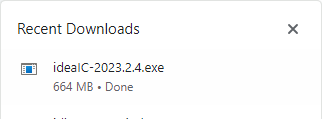
You successfully installed Maven on your computer.

# Intellij IDEA installation

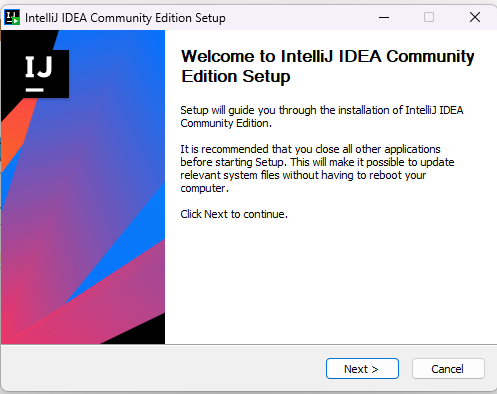
Go to : <https://www.jetbrains.com/idea/download/?section=windows#section=windows> and download installer for Intellij IDEA Community Edition:



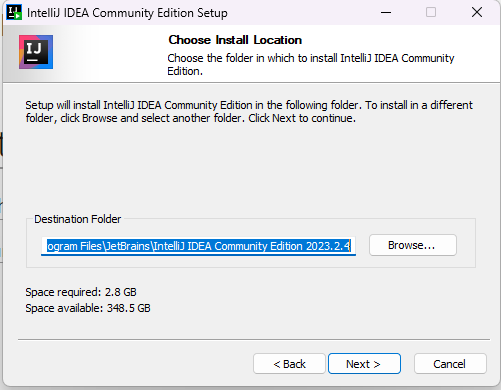
NOTE: For purpose of this workshop Ultimate features are not needed, but if you want, you can download Intellij IDEA Ultimate, it is free trial for 30 days. Then you’ll need license key to use it.



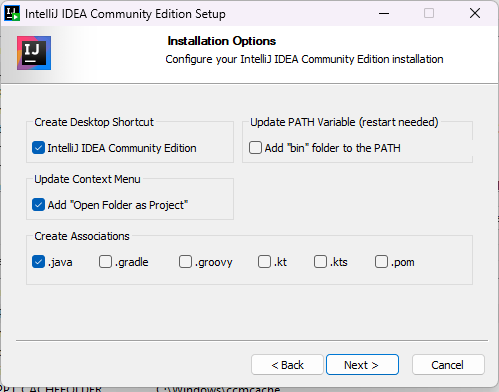
Open downloaded file and proceed with installation as shown below:



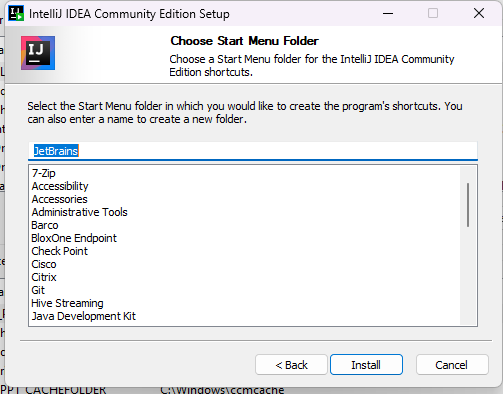
Click “Next”.



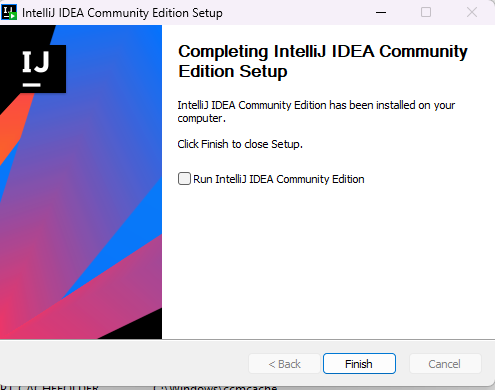
Click “Next”.



Select “Installation Options” (all fields are optional)



Press “Install” button.



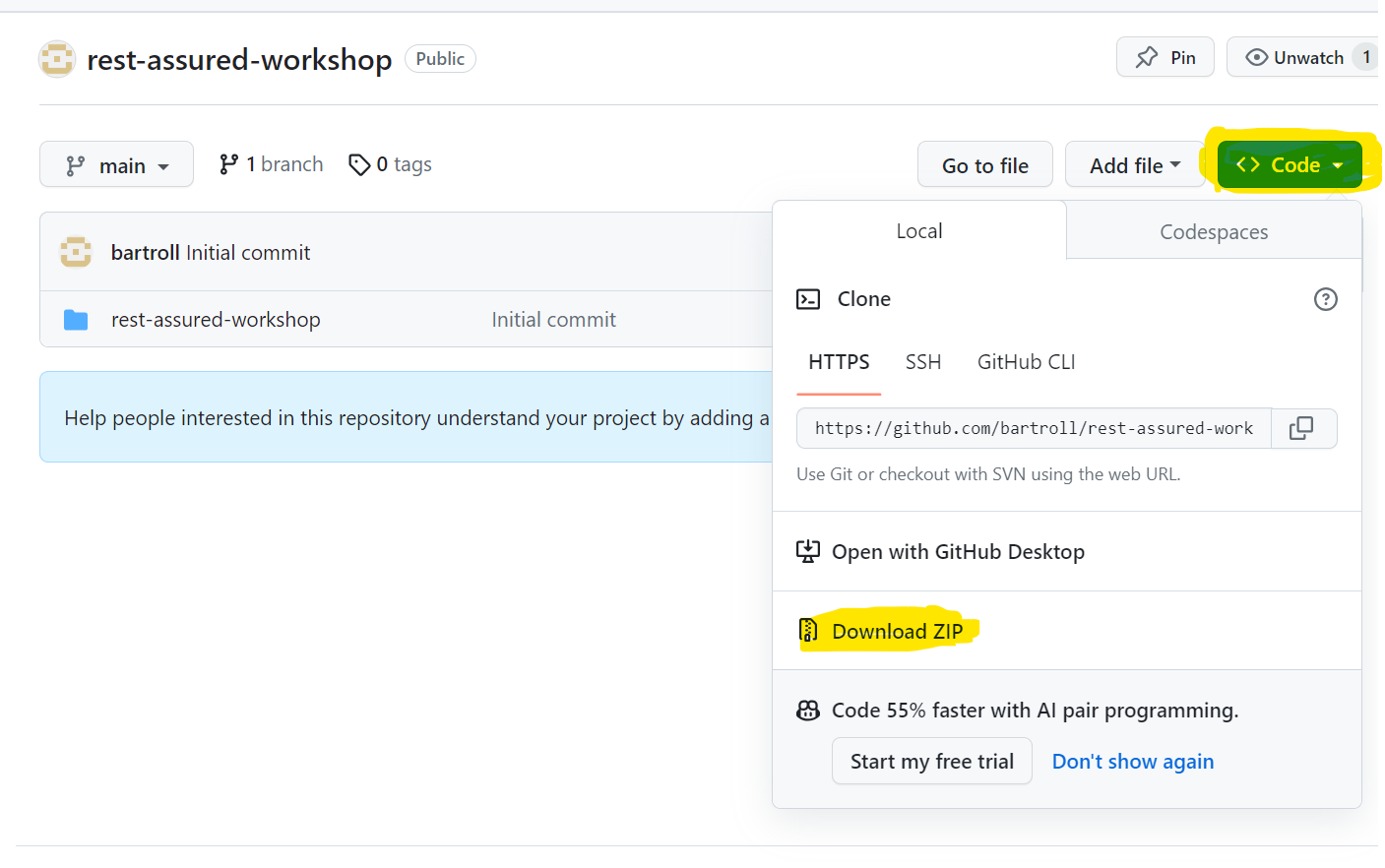
Press “Finish.

You successfully installed Intellij IDEA on your computer.

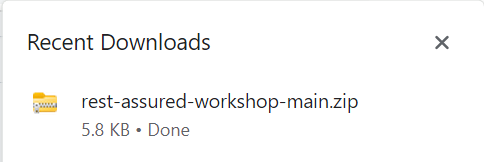
# Download Project

Go to <https://github.com/bartroll/rest-assured-workshop>

Press „Code” button. And then press “Download ZIP” option.



Zip file with initial project should be downloaded.



Extract downloaded zip file in preferred location.

Congratulations! You’re ready to participate in workshop 😊

# (Workshop) Issues with building project

IMPORTANT: Instructions in this paragraph are provided in case of issues with building project during the workshop. Please do not follow it before the workshop. Thank you!

1. Check and remember your java version.
2. In Intellij: File->Project Structure:
3. 