Environment setup
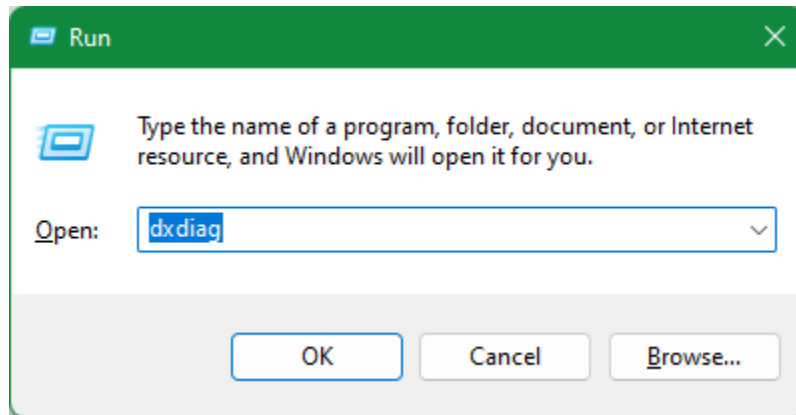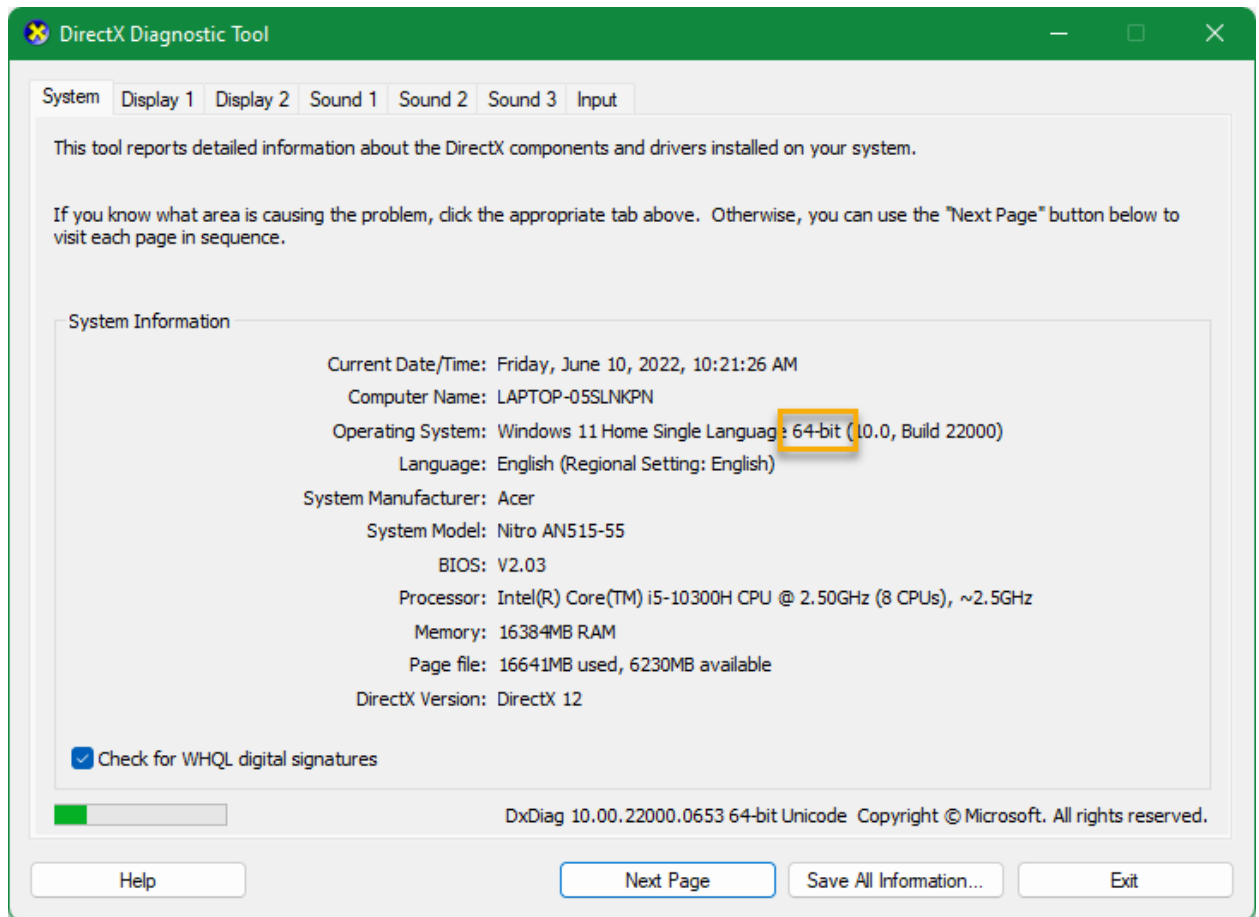
I. Check window version:
   a. Win + R to open Run
   b. Input: dxdiag

   c. Check window version as below

II. Test Project:
a. Test Project site: link
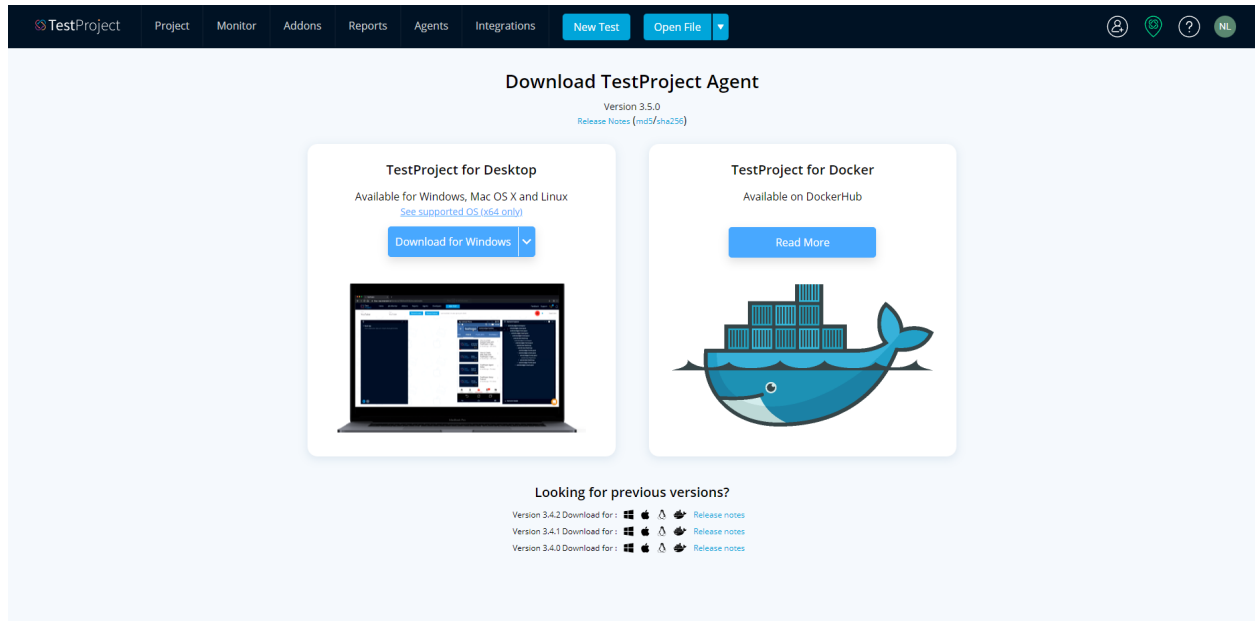b. Create Account:
1. Input E-mail
2. Click Create an Account
3. Input information
4. Check on 'I agree to the End user License Agreement'
5. Click Sign up
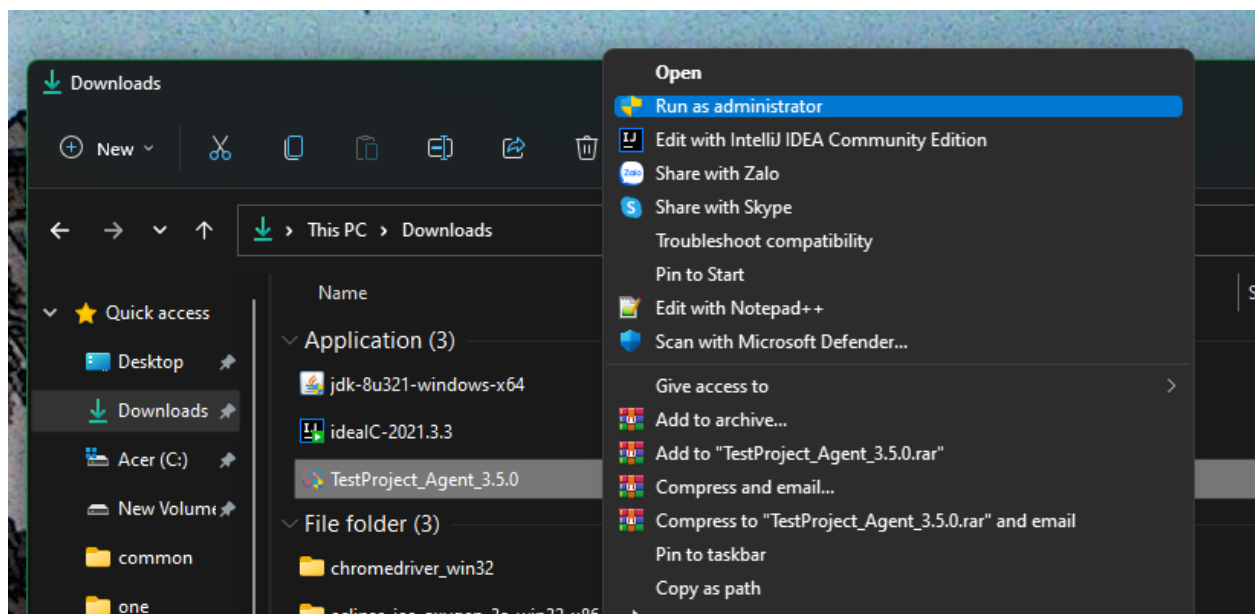6. Access to your email and confirm email from Test Project

c. Setup Agent:
1. Login to Test Project

2. Select Agents
3. Click Download Agent

4. Click Download for Windows
5. Install Test Project agent following process below:

TestProject - Agent Setup

Welcome to TestProject - Agent Setup

Setup will guide you through the installation of TestProject - Agent.

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Next >   Cancel

TestProject - Agent Setup

License Agreement

Please review the license terms before installing TestProject - Agent.

Press Page Down to see the rest of the agreement.

> **TestProject.io Software and Services Agreement**
>
> By using the TestProject.io web site, TestProject agent and TestProject Chrome extension ("Service"), or any services of TestProject, Inc. ("TestProject"), you are agreeing to be bound by the following terms and conditions ("Terms of Service"). IF YOU ARE ENTERING INTO THIS AGREEMENT ON BEHALF OF A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT THAT YOU HAVE THE

If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install TestProject - Agent.

Nullsoft Install System v3.0b3

< Back   I Agree   Cancel

TestProject - Agent Setup

Choose Components
Choose which features of TestProject - Agent you want to install.

Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.

Select components to install:

- ☑ Agent

Space required: 660.4MB

Nullsoft Install System v3.0b3

[< Back] [Next >] [Cancel]

TestProject - Agent Setup

Choose Install Location
Choose the folder in which to install TestProject - Agent.

Setup will install TestProject - Agent in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.

Destination Folder

C:\Program Files\TestProject Agent   [Browse...]

Space required: 660.4MB
Space available: 37.6GB

Nullsoft Install System v3.0b3

[< Back] [Next >] [Cancel]

TestProject - Agent Setup

Choose Start Menu Folder

Choose a Start Menu folder for the TestProject - Agent shortcuts.

Select the Start Menu folder in which you would like to create the program's shortcuts. You can also enter a name to create a new folder.

TestProject

Accessibility
Accessories
Administrative Tools
bizmeka Talk
Chrome Apps
Chrome 앱
Cisco Webex Meetings 데스크탑 앱
Citrix
ClouDoc
Crownix Report 7.0u
D'Amo WebCrypto

☐ Do not create shortcuts

Nullsoft Install System v3.0b3

[< Back]   [Install]   [Cancel]

TestProject - Agent Setup

Choose Start Menu Folder

Choose a Start Menu folder for the TestProject - Agent shortcuts.

Select the Start Menu folder in which you would like to create the program's shortcuts. You can also enter a name to create a new folder.

TestProject

Accessibility
Accessories
Administrative Tools
bizmeka Talk
Chrome Apps
Chrome 앱
Cisco Webex Meetings 데스크탑 앱
Citrix
ClouDoc
Crownix Report 7.0u
D'Amo WebCrypto

☐ Do not create shortcuts

Nullsoft Install System v3.0b3

[< Back]   [Install]   [Cancel]

Completing TestProject – Agent Setup

TestProject - Agent has been installed on your computer.

Click Finish to close Setup.

☑ Start Agent

☐ Show Readme

☑ Start TestProject Agent with Windows

< Back   Finish   Cancel

6. After click finish button, check the Test Project running in the lower right tray
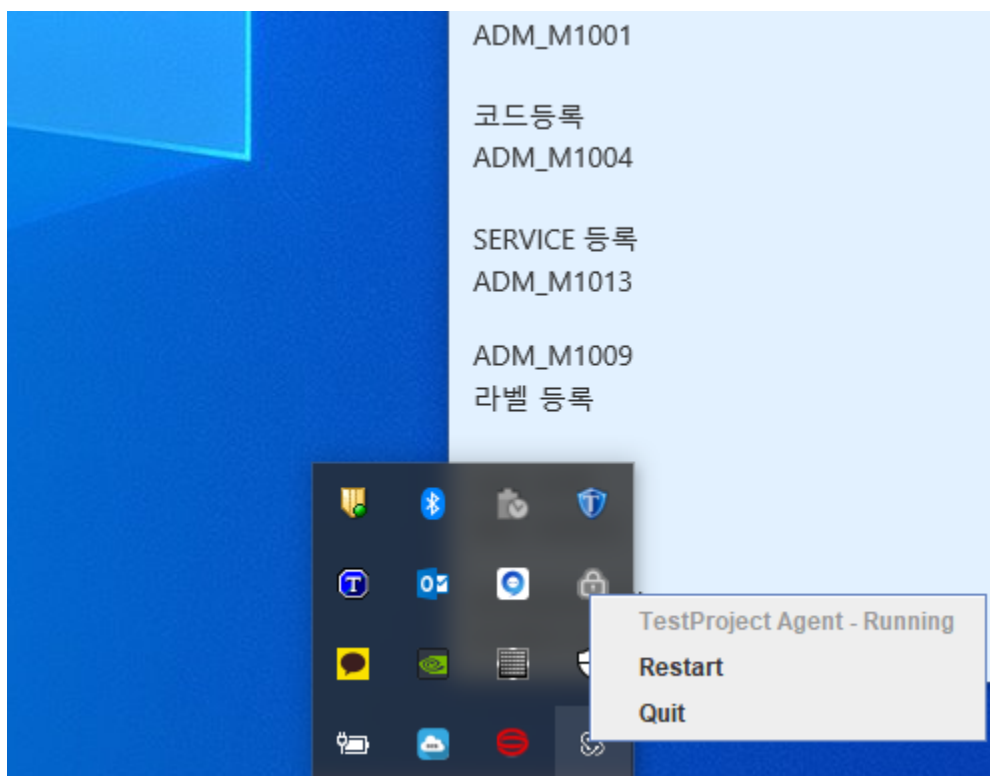
d. Get Develop token
1. Select Integrations
2. Select Java option
3. Select display token
4. Note the token down
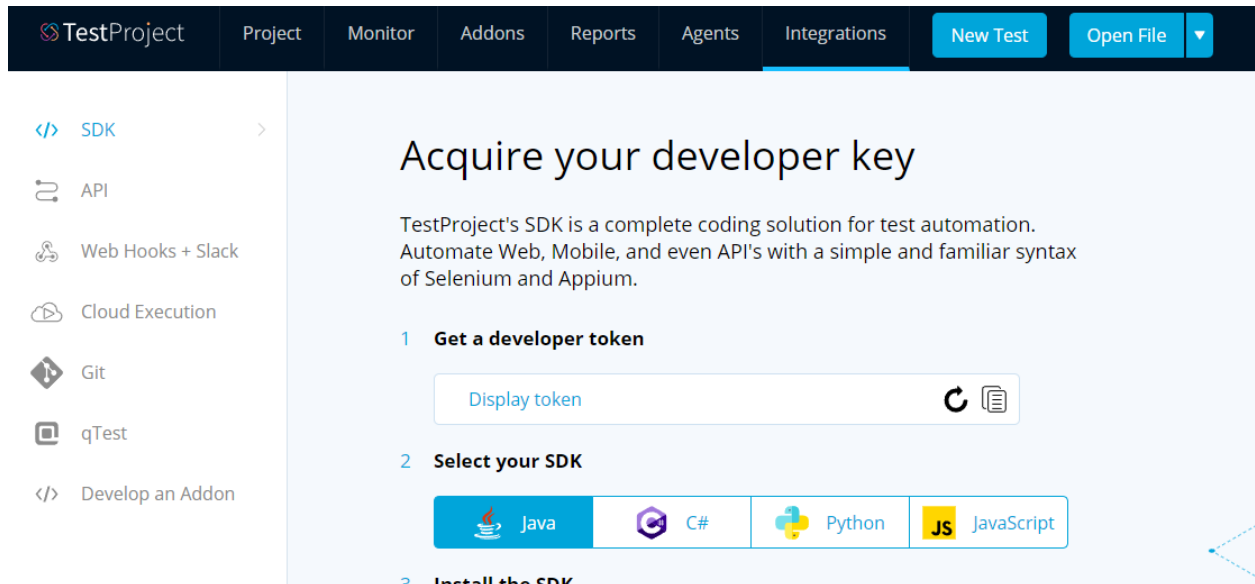
III. Github:
a. Github site: link
b. Create Github account
c. Inform repository manager to grant access permission
d. Get URL to clone source code:
1. Click Code button
2. Select https option
3. Click Copy
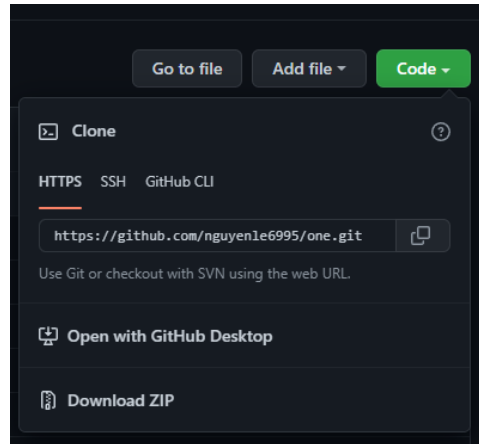
IV.   Java JDK:

    a. JDK download: link

    b. Download JDK match with your window version (x86 for 32bit, x64 for 64bit)

Windows x86 Installer	159.0 MB	jdk-8u331-windows-i586.exe
Windows x64 Installer	172.54 MB	jdk-8u331-windows-x64.exe

    c. Install JDK following process below:

d. Check the install direction following path: C:\Program Files\Java
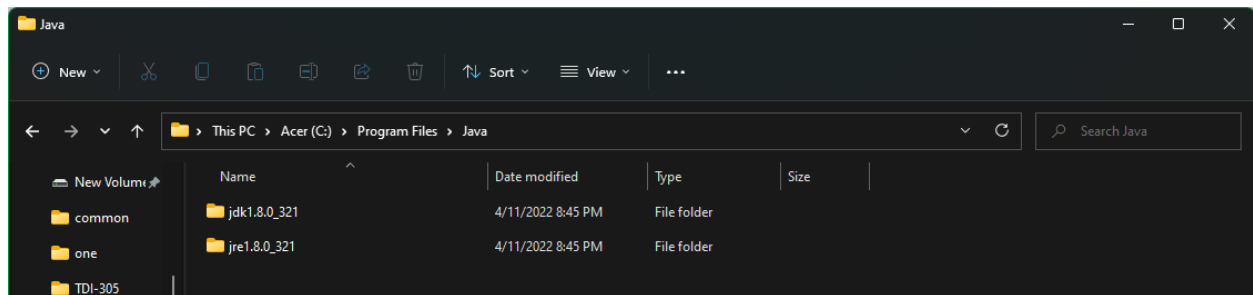
e. Update the Environment Variables:
   1. Search View Advanced System Settings
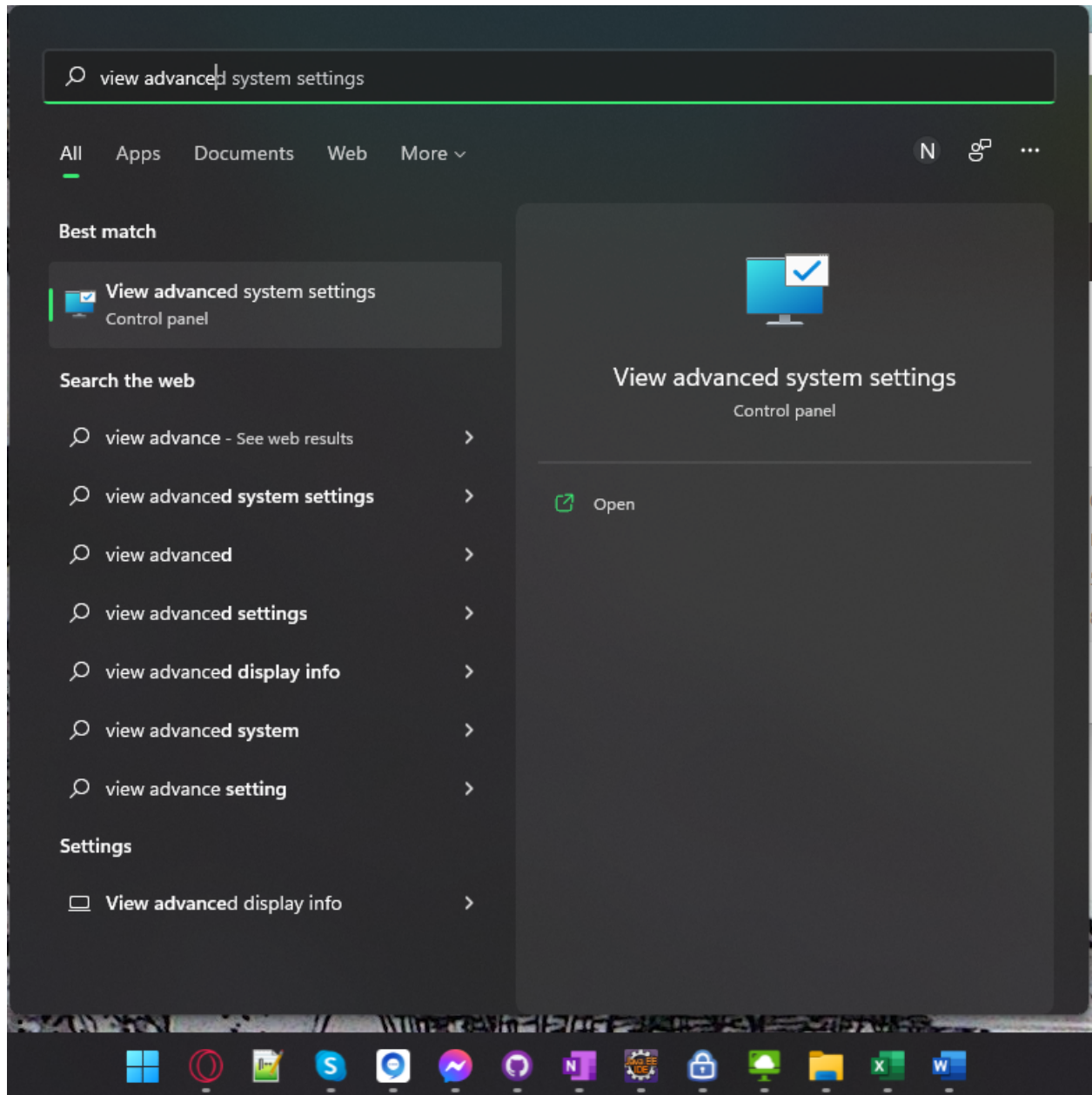
2.　　　At System Properties Window Click Environment Variables

System Properties

Computer Name | Hardware | Advanced | System Protection | Remote

You must be logged on as an Administrator to make most of these changes.

Performance

Visual effects, processor scheduling, memory usage, and virtual memory

Settings...

User Profiles

Desktop settings related to your sign-in

Settings...

Startup and Recovery

System startup, system failure, and debugging information

Settings...

Environment Variables...

OK   Cancel   Apply

3.   At System variables grid
4.   Click New button
5.   Input formation below
    i.   Variable name: JAVA_HOME
    ii.   Variable value:< file path direct to jdk folder>

Environment Variables

User variables for nguye

Variable	Value
IntelliJ IDEA Community Edit...	C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3...
OneDrive	C:\Users\nguye\OneDrive
OneDriveConsumer	C:\Users\nguye\OneDrive
Path	C:\Users\nguye\AppData\Local\Microsoft\WindowsApps;C:\Progra...
TEMP	C:\Users\nguye\AppData\Local\Temp
TMP	C:\Users\nguye\AppData\Local\Temp

New...   Edit...   Delete

System variables

Variable	Value
ComSpec	C:\WINDOWS\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
JAVA_HOME	C:\Program Files\Java\jdk1.8.0_321
NUMBER_OF_PROCESSORS	8
OS	Windows_NT
Path	C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Win...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC

New...   Edit...   Delete

OK   Cancel

Edit System Variable

Variable name: JAVA_HOME

Variable value: C:\Program Files\Java\jdk1.8.0_321

Browse Directory...   Browse File...   OK   Cancel

6.   Click OK

f. Verify the Java Installation

1.   Open Command
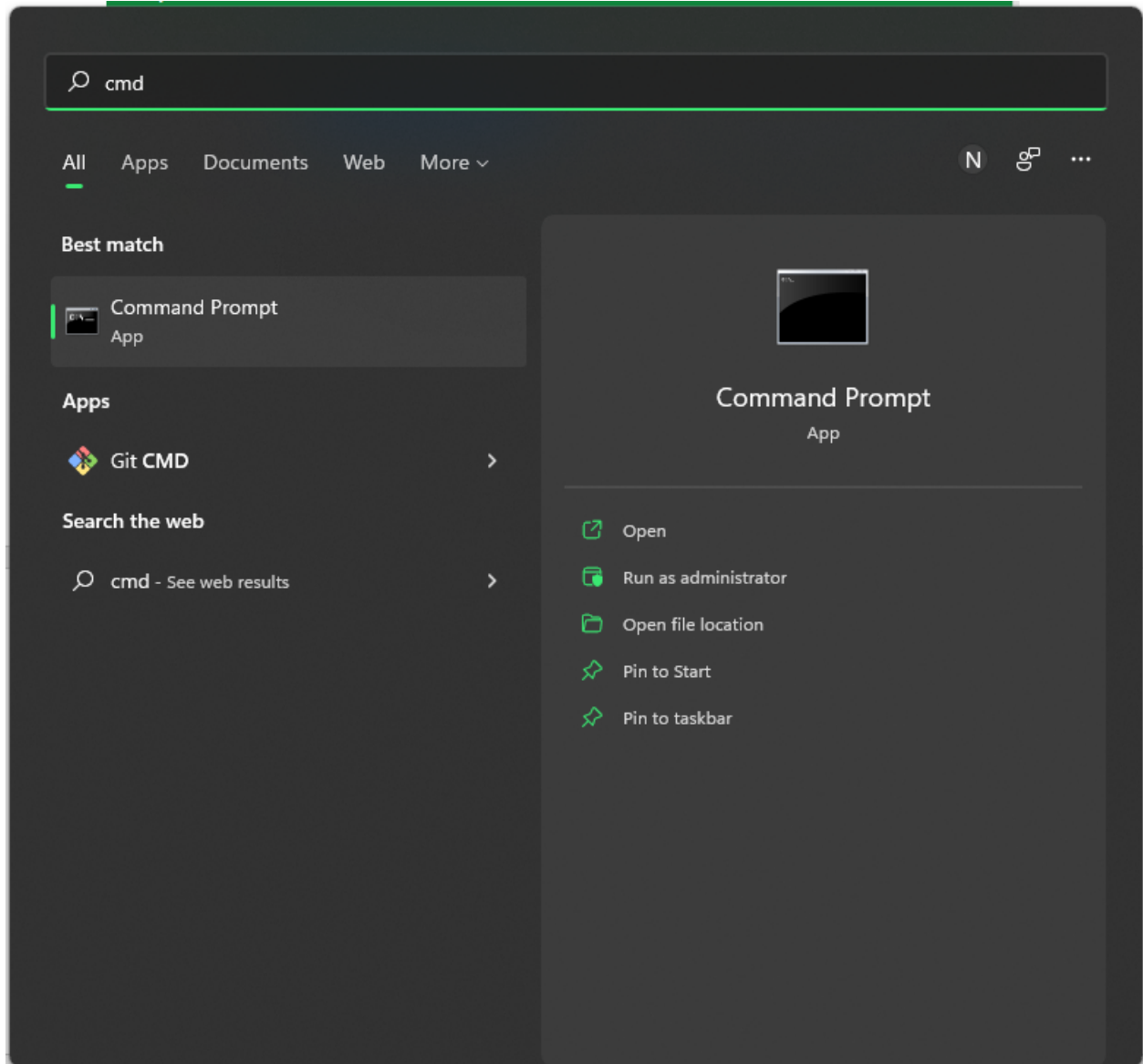
2.   Enter command "java –version" and press Enter to run command

3.   Should be display as below

```
Command Prompt                                                        —   □   ×

Microsoft Windows [Version 10.0.22000.675]
(c) Microsoft Corporation. All rights reserved.

C:\Users\nguye>java -version
java version "1.8.0_321"
Java(TM) SE Runtime Environment (build 1.8.0_321-b07)
Java HotSpot(TM) 64-Bit Server VM (build 25.321-b07, mixed mode)

C:\Users\nguye>
```

V.   Eclipse
   a. Eclipse download: link
   b. Download 3A Packages correct with your window version

Eclipse IDE Oxygen 3a Packages

Eclipse IDE for Java EE Developers   Windows 32-bit x86_64
334 MB   897,360 DOWNLOADS   macOS x86_64
                                                                Linux x86_64
Tools for Java developers creating Java EE and Web applications, including a Java
IDE, tools for Java EE, JPA, JSF, Mylyn, EGit and others.

Eclipse IDE for Java Developers   Windows 32-bit x86_64
183 MB   422,449 DOWNLOADS   macOS x86_64

   c. Extract Eclipse file
   d. Clone source code:
            1.   Open Eclipse
            2.   Click Launch
            3.   At the top bar select: Windows > Show View > Other > Git
               Repositories

Window   Help

New Window
Editor   >
Appearance   >
Show View   >   🐜 Ant
Perspective   >   🖥 Console   Alt+Shift+Q, C
                                   📄 Declaration   Alt+Shift+Q, D
Navigation   >   ❌ Error Log   Alt+Shift+Q, L
                                   @   Javadoc   Alt+Shift+Q, J
Preferences   🔗 Navigator
                                   📑 Outline   Alt+Shift+Q, O
                                   📏 Package Explorer   Alt+Shift+Q, P
                                   🔧 Problems   Alt+Shift+Q, X
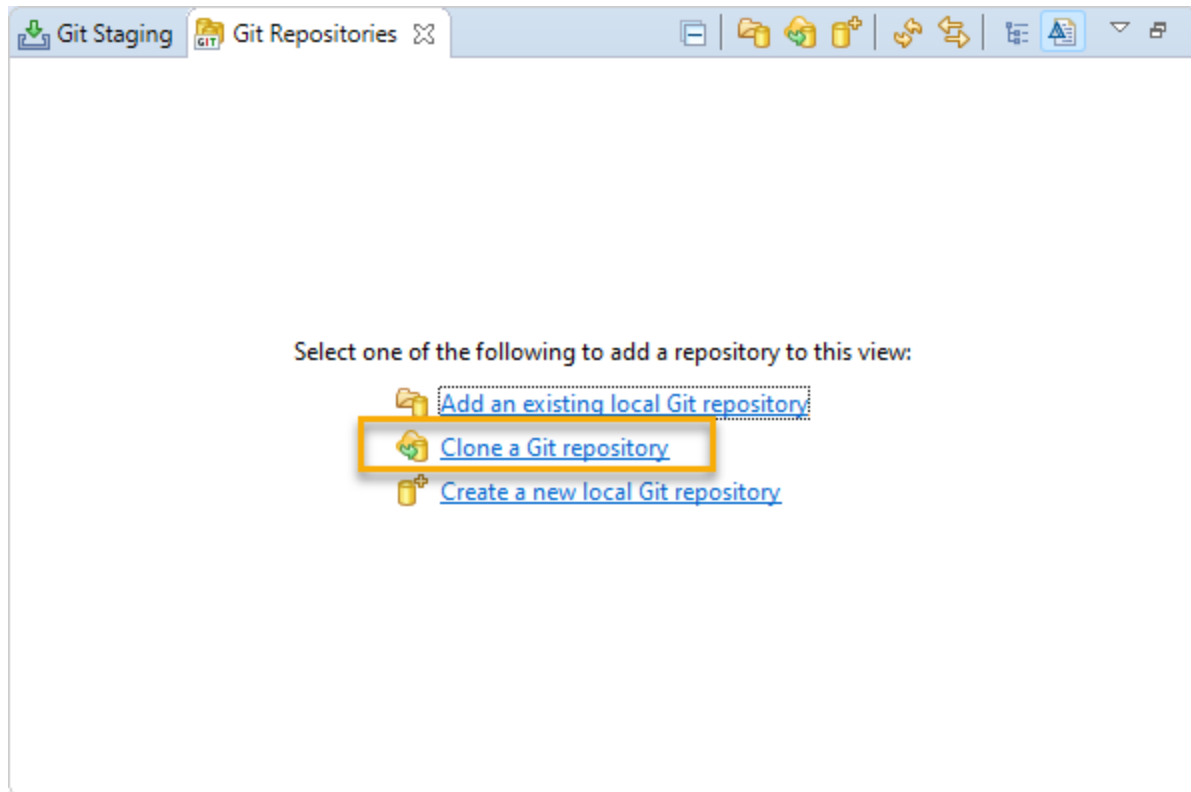   📊 Progress
                                   📂 Project Explorer
                                   🔍 Search   Alt+Shift+Q, S
                                   📋 Task List   Alt+Shift+Q, K
                                   ✅ Tasks
                                   📄 Templates
                                   💻 Terminal
                                   🔱 Type Hierarchy   Alt+Shift+Q, T
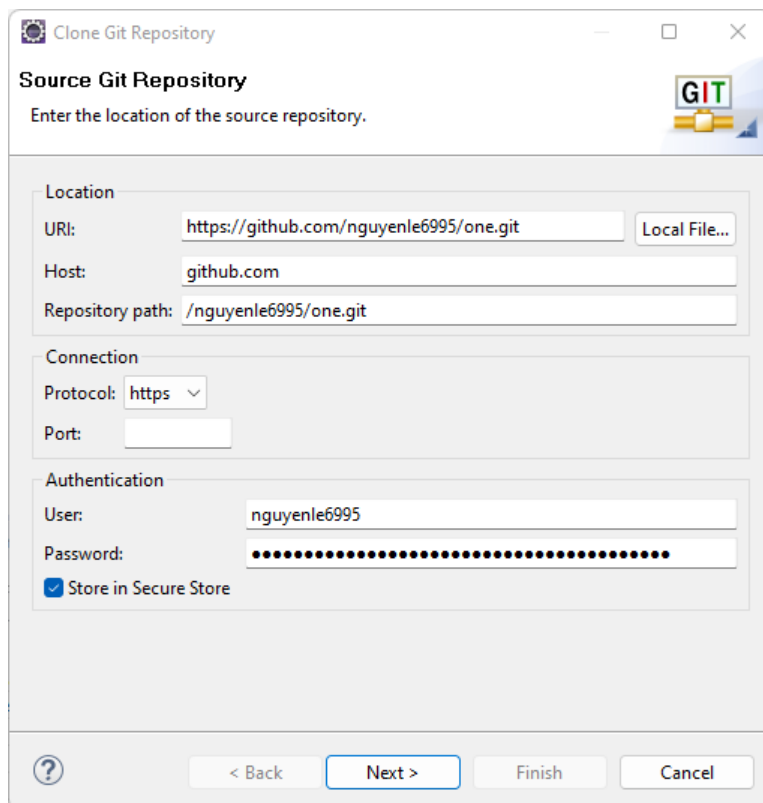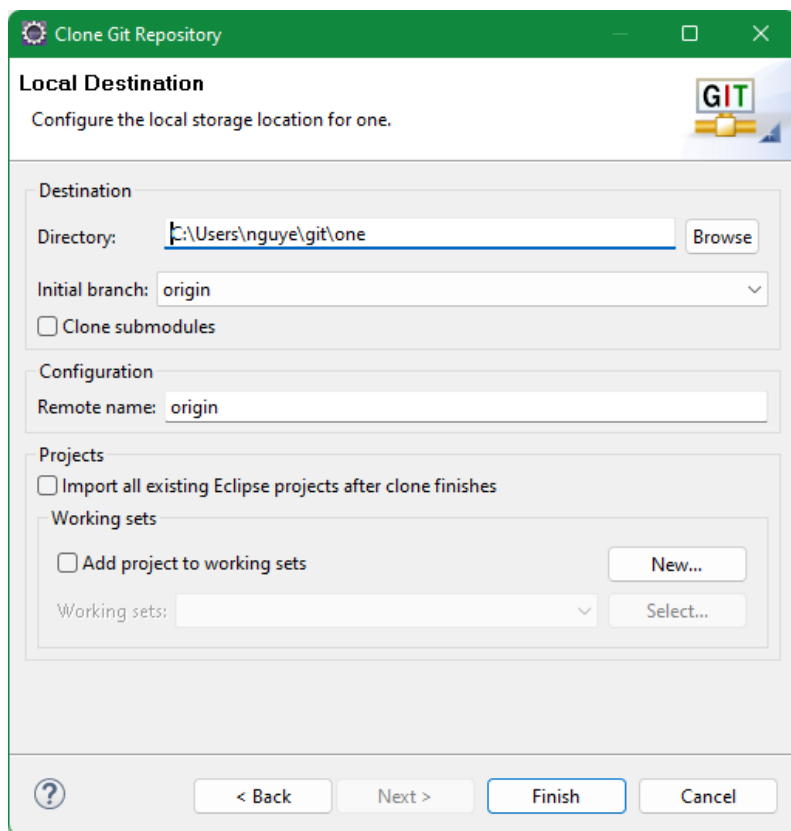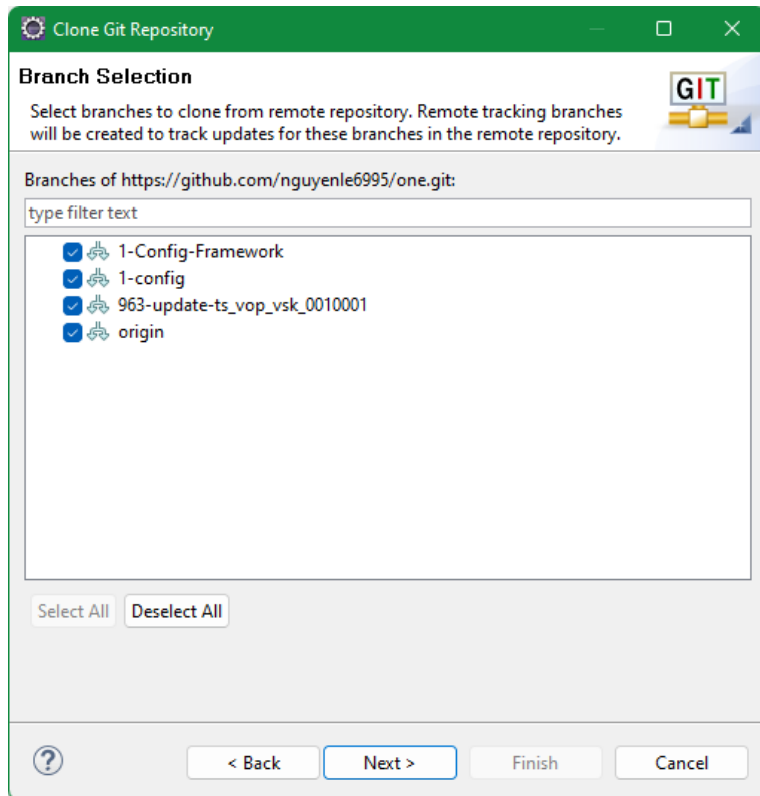   Other...   Alt+Shift+Q, Q

4.   Click Clone a Git repository
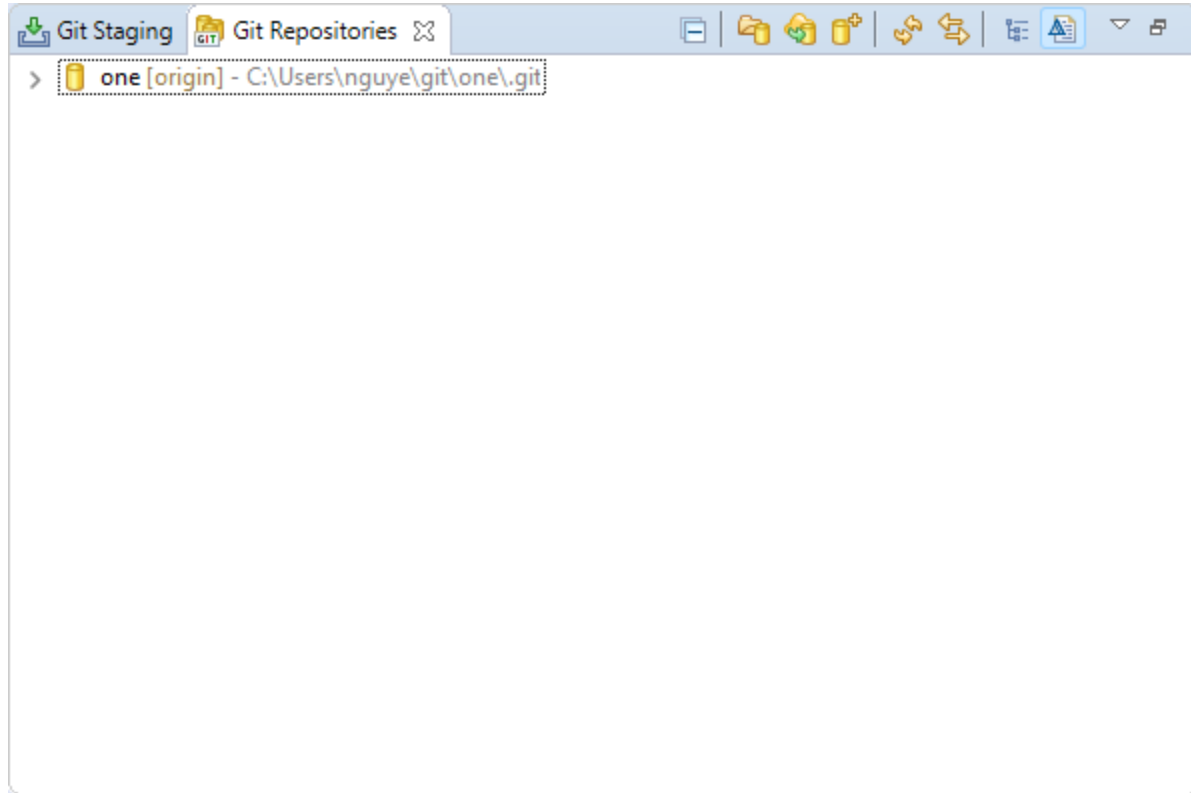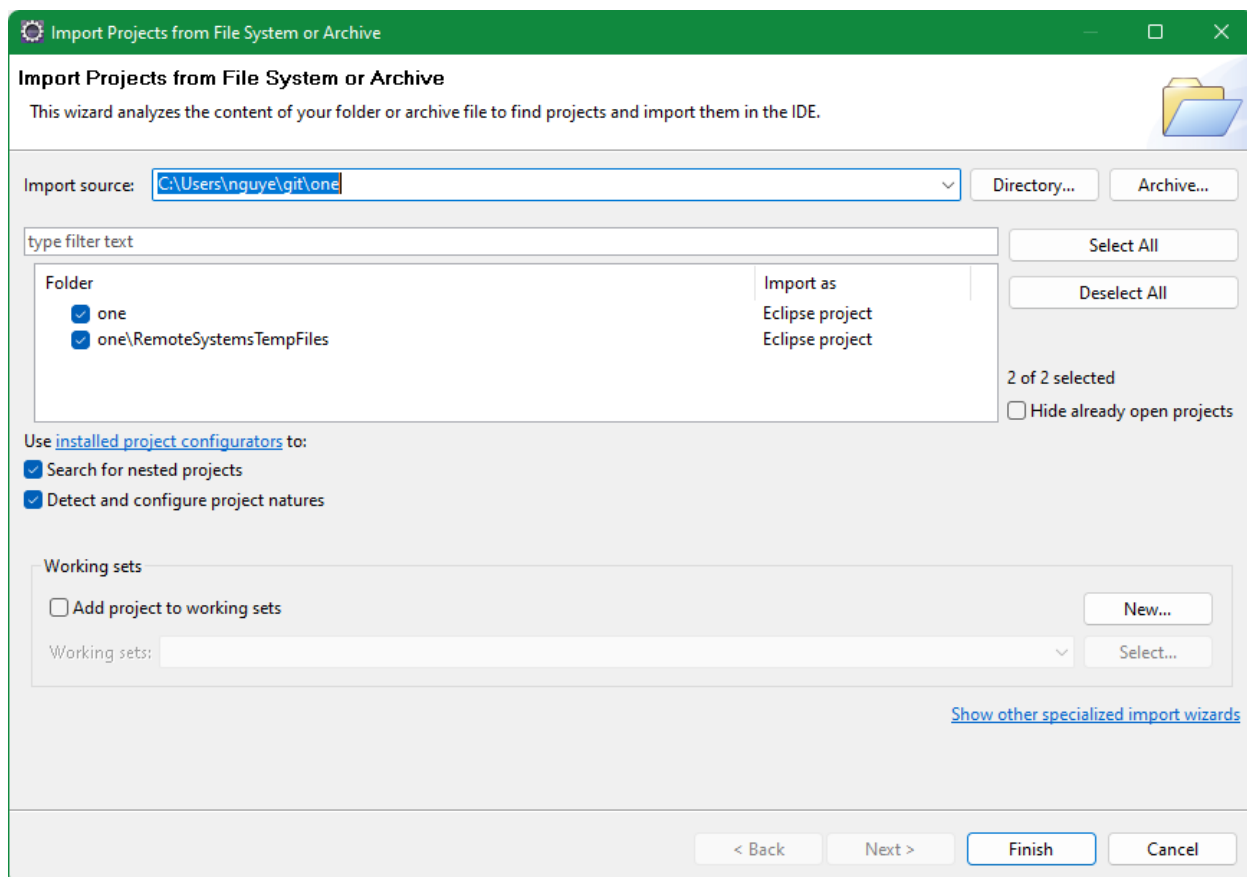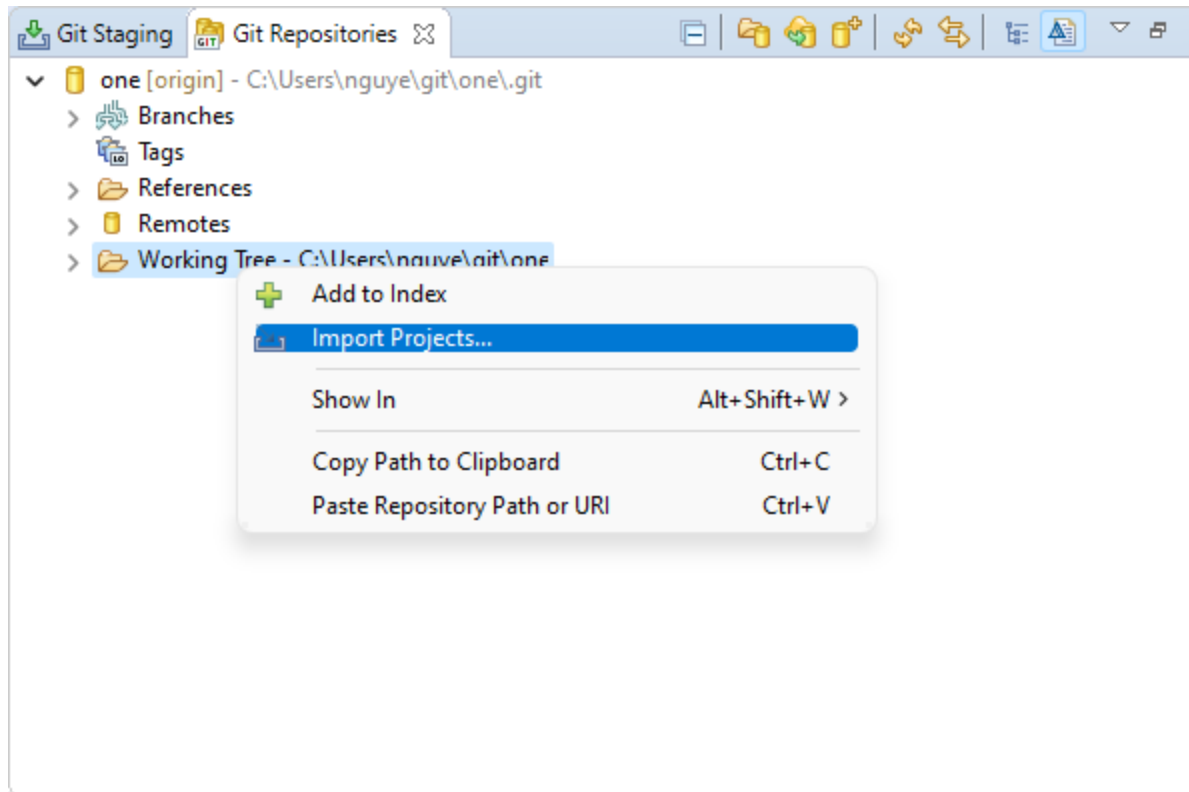
5. Get Repository following process below:

6.   Repository displayed as below

7.   Get Source code following process below:

Git Staging | Git Repositories ⊠

∨ 🗄 one [origin] - C:\Users\nguye\git\one\.git
  > 🔀 Branches
      🏷 Tags
  > 📁 References
  > 🗄 Remotes
  > 📂 Working Tree - C:\Users\nguye\git\one

➕ Add to Index
🖼 **Import Projects...**
Show In   Alt+Shift+W ›

Copy Path to Clipboard   Ctrl+C
Paste Repository Path or URI   Ctrl+V

⚙ Import Projects from File System or Archive   ─ ☐ ✕

Import Projects from File System or Archive   📂
This wizard analyzes the content of your folder or archive file to find projects and import them in the IDE.

Import source: C:\Users\nguye\git\one   ⌄   Directory...   Archive...

type filter text   Select All

Folder	Import as
☑ one	Eclipse project
☑ one\RemoteSystemsTempFiles	Eclipse project

Deselect All

2 of 2 selected
☐ Hide already open projects

Use installed project configurators to:
☑ Search for nested projects
☑ Detect and configure project natures

Working sets
☐ Add project to working sets   New...

Working sets: ⌄   Select...

Show other specialized import wizards

< Back   Next >   **Finish**   Cancel

8. At the top bar select: Windows > Show View > Project Explorer

9. Source code should be displayed in Project Explorer as below