Yasir Ahmad
Visiting Faculty Member
From
ICS & IT Department
The University Of Agriculture Peshawar

Install Netbeans for Java

Links

Netbeans

https://filehippo.com/download_netbeans/?ex=CORE-242.1

JDK

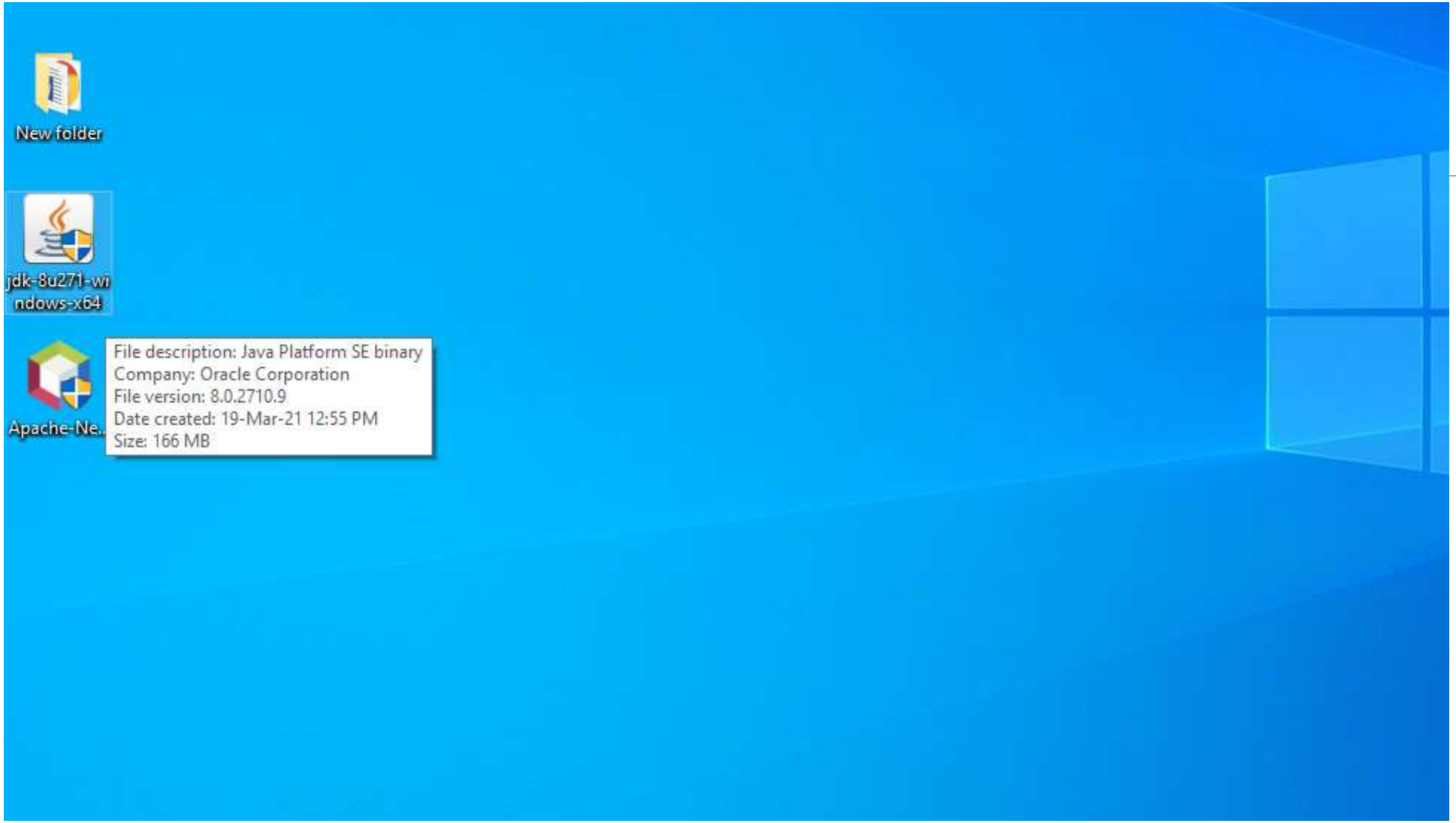
https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html

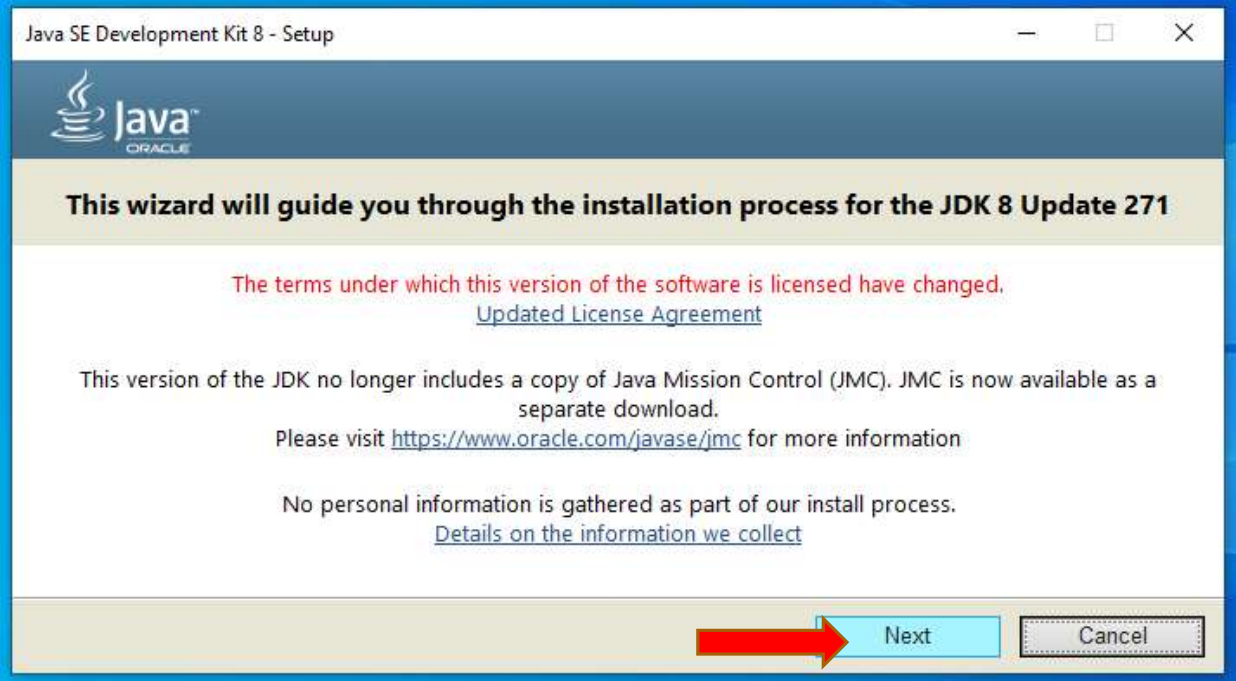
OR

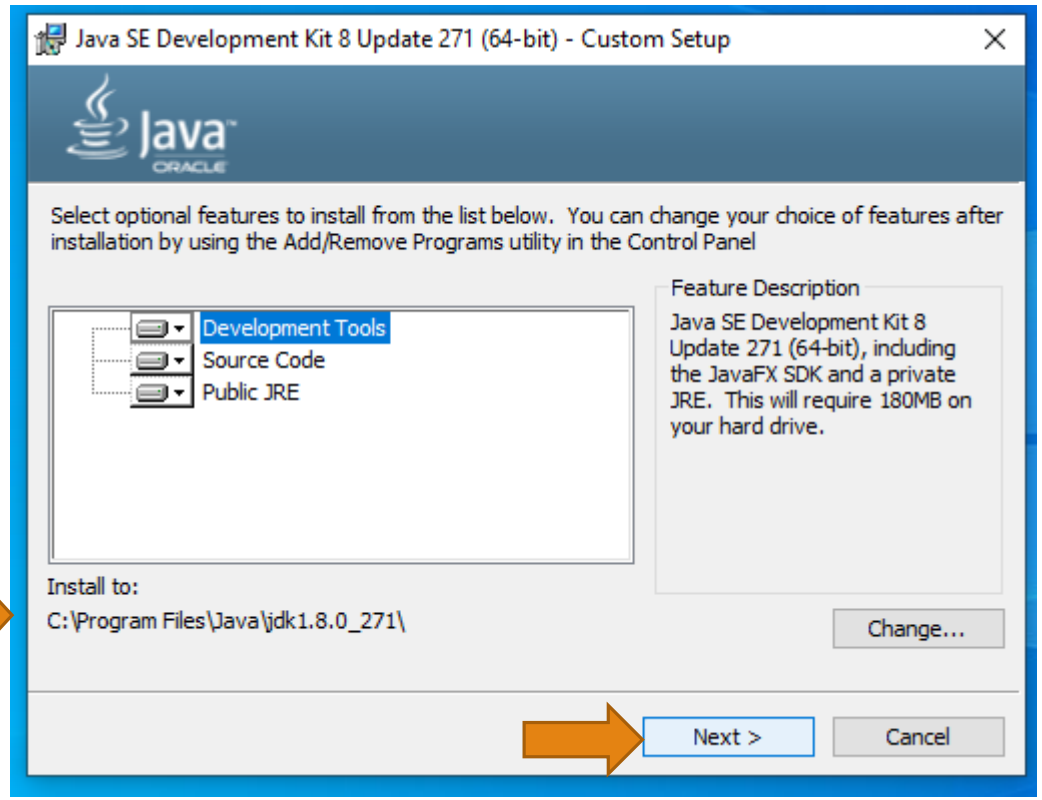
You can download JDK for 64bit OS from below link directly

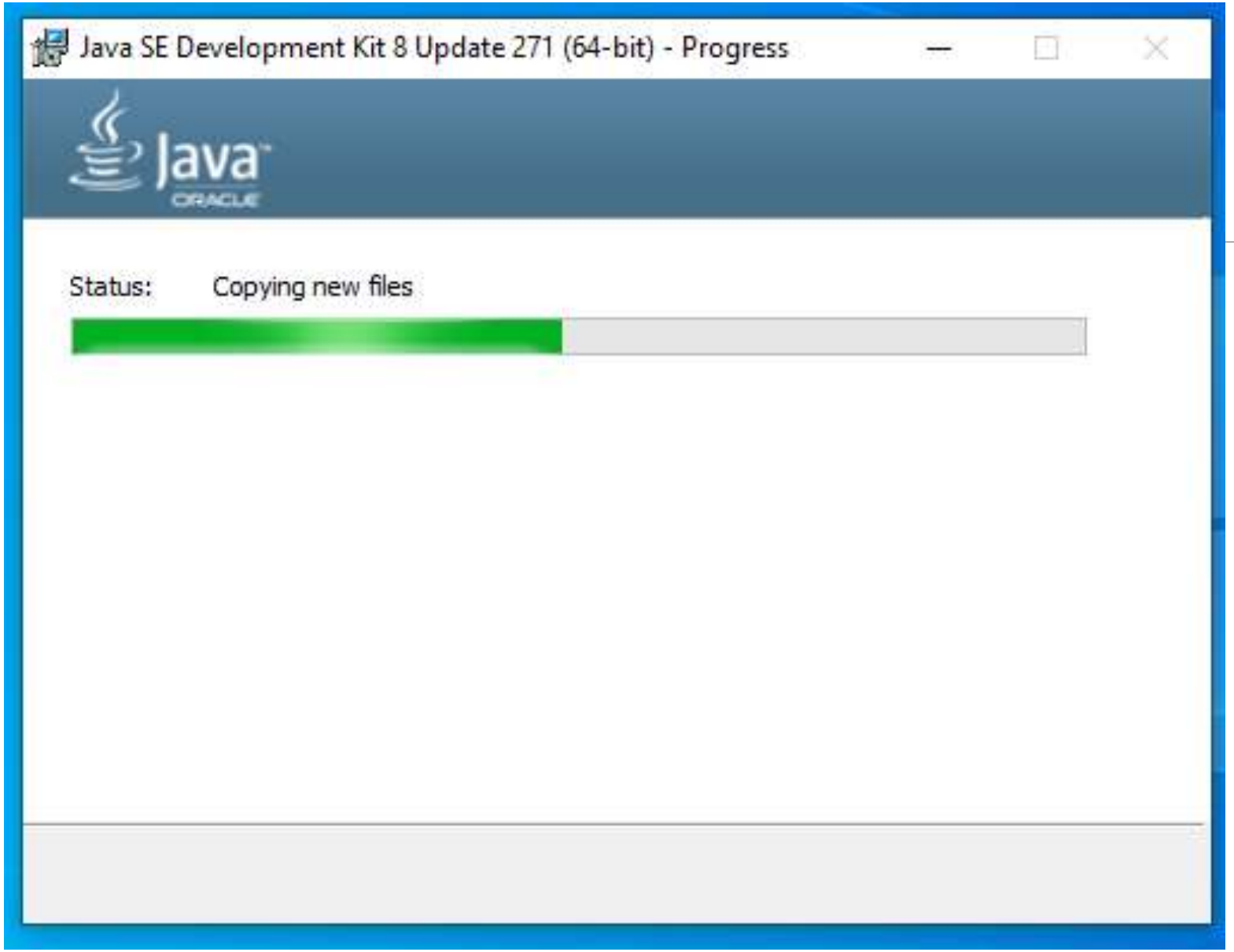
https://drive.google.com/file/d/1bkXPOpw7rWjh5IoVGJW5fjO-EY4tqLD1/view?usp=sharing

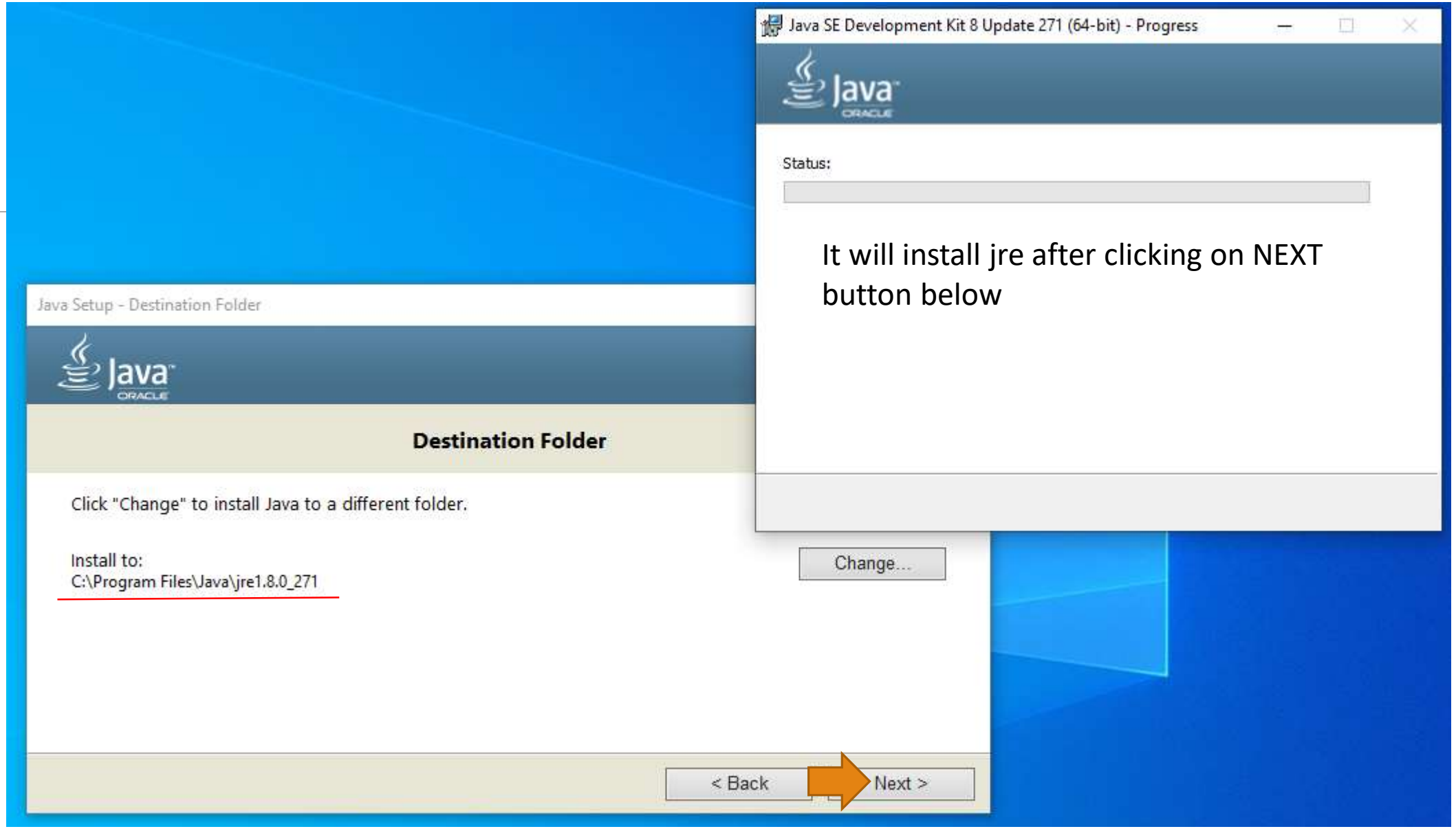
FIRST INSTALL JDK

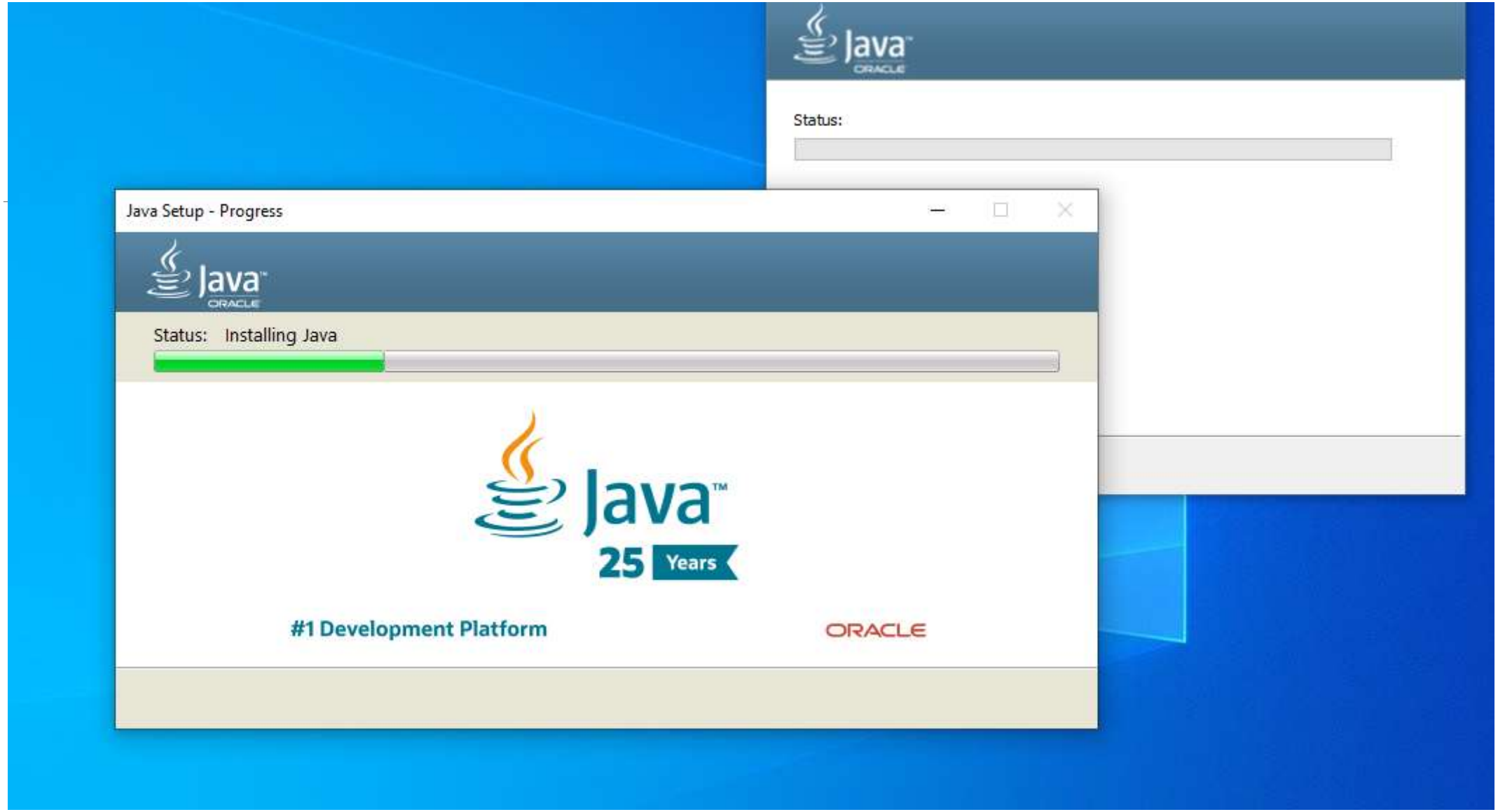

New folder
jdk-8u271-windows-x64
Apache-Ne..
File description: Java Platform SE binary
Company: Oracle Corporation
File version: 8.0.2710.9
Date created: 19-Mar-21 12:55 PM
Size: 166 MB

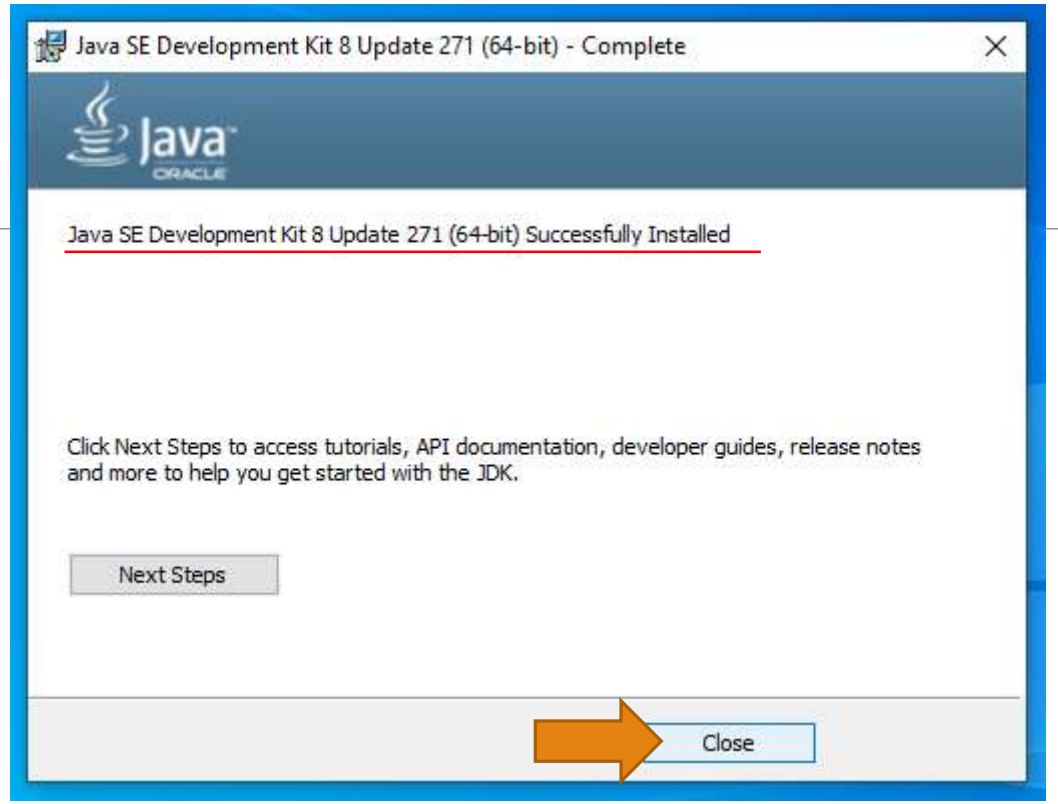

Java SE Development Kit 8 - Setup
Java
ORACLE
This wizard will guide you through the installation process for the JDK 8 Update 271
The terms under which this version of the software is licensed have changed.
Updated License Agreement
This version of the JDK no longer includes a copy of Java Mission Control (JMC). JMC is now available as a separate download.
Please visit https://www.oracle.com/javase/jmc for more information
No personal information is gathered as part of our install process.
Details on the information we collect
Next
Cancel


Java SE Development Kit 8 Update 271 (64-bit) - Custom Setup
Java
ORACLE
Select optional features to install from the list below. You can change your choice of features after installation by using the Add/Remove Programs utility in the Control Panel
Development Tools
Source Code
Public JRE
Feature Description
Java SE Development Kit 8 Update 271 (64-bit), including the JavaFX SDK and a private JRE. This will require 180MB on your hard drive.
Install to:
C:\Program Files\Java\jdk1.8.0_271\
Change...
Next >
Cancel


Java SE Development Kit 8 Update 271 (64-bit) - Progress
Java
ORACLE
Status:
Copying new files

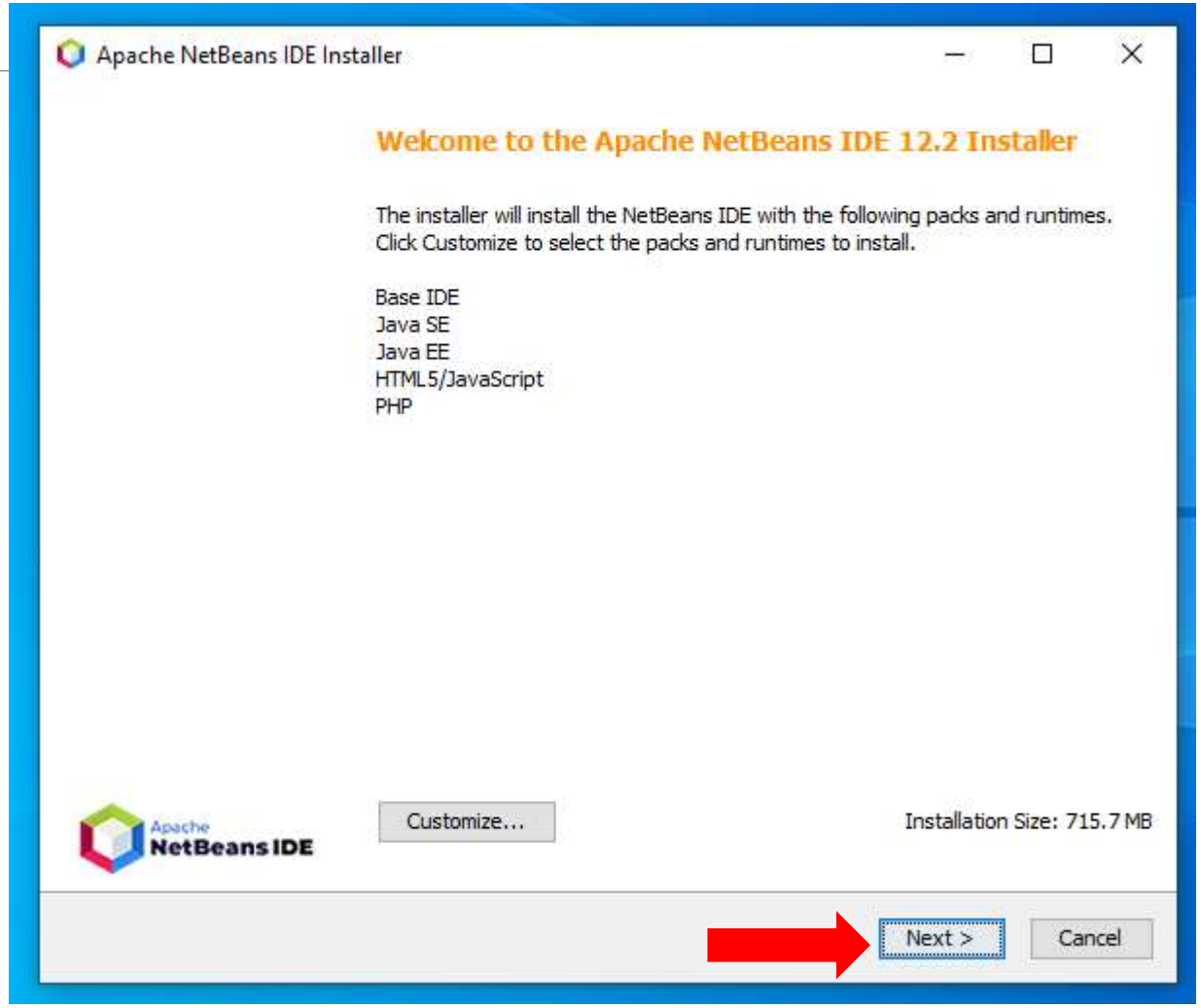

Java SE Development Kit 8 Update 271 (64-bit) - Progress
Java
Status:
It will install jre after clicking on NEXT button below
Java Setup - Destination Folder
Java
Destination Folder
Click "Change" to install Java to a different folder.
Install to:
C:\Program Files\Java\jre1.8.0_271
Change...
< Back
Next >

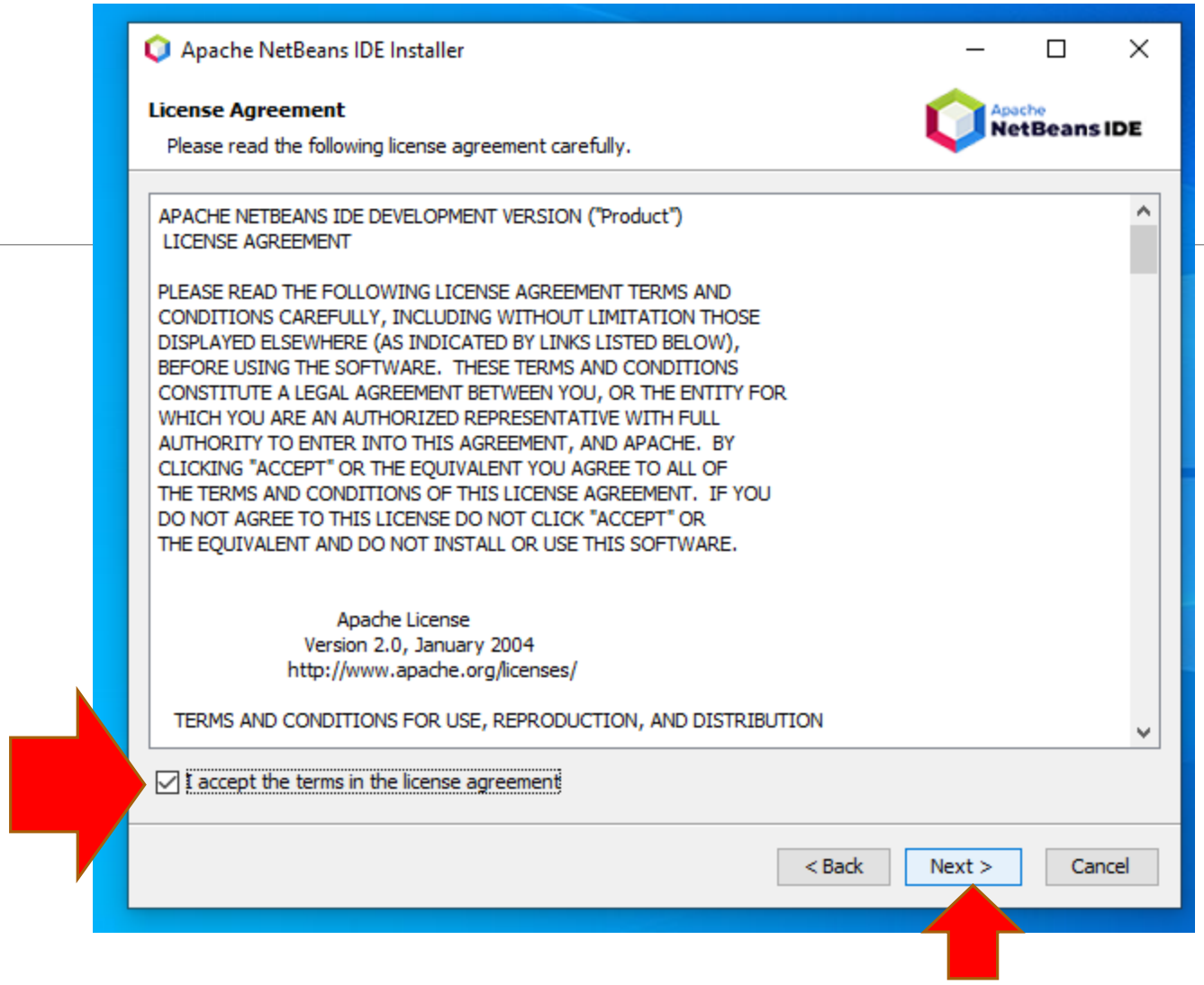

Java
ORACLE
Status:
Java Setup - Progress
Java
ORACLE
Status: Installing Java
Java™
25 Years
#1 Development Platform
ORACLE

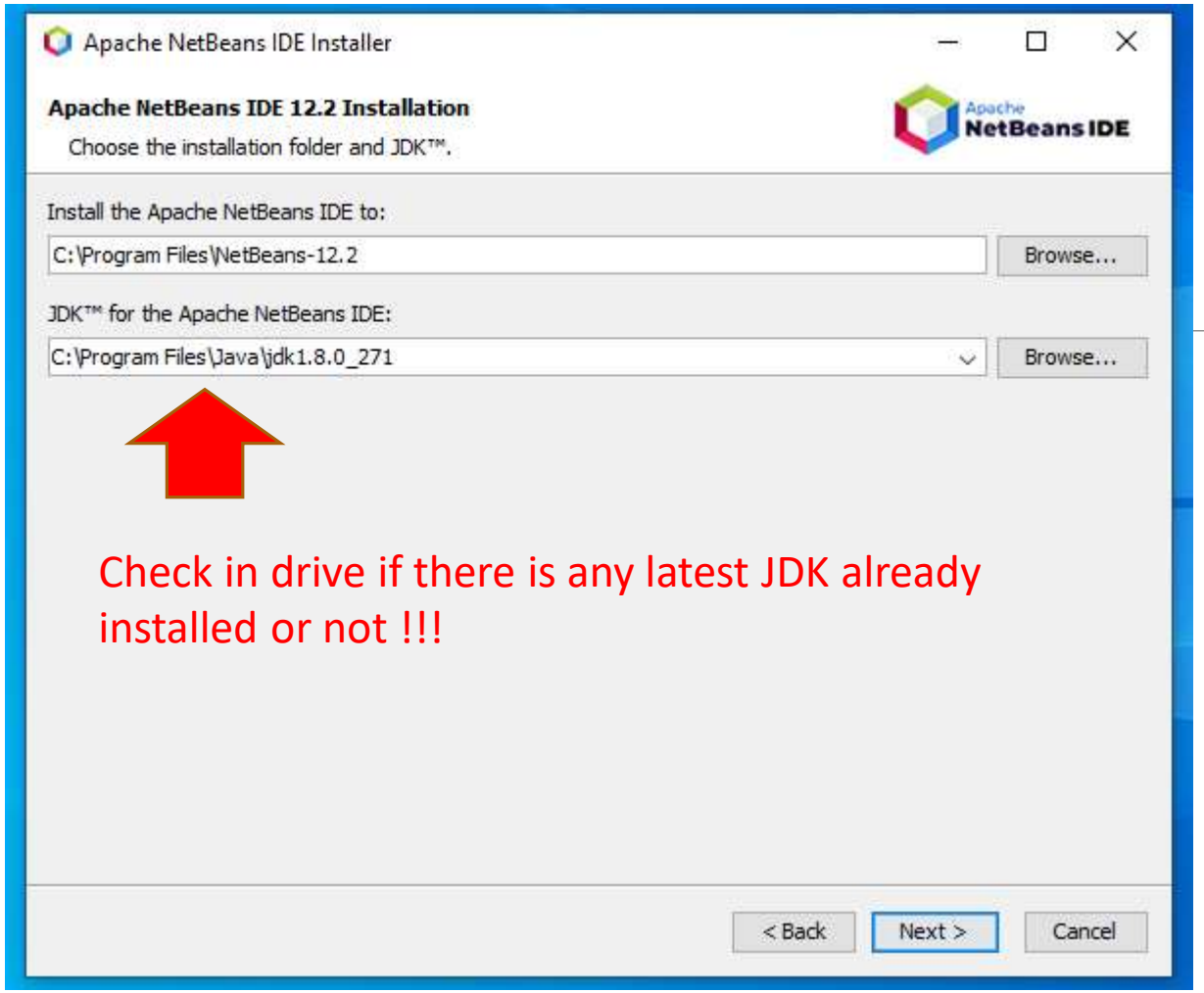

Java SE Development Kit 8 Update 271 (64-bit) - Complete
Java
ORACLE
Java SE Development Kit 8 Update 271 (64-bit) Successfully Installed
Click Next Steps to access tutorials, API documentation, developer guides, release notes and more to help you get started with the JDK.
Next Steps
Close

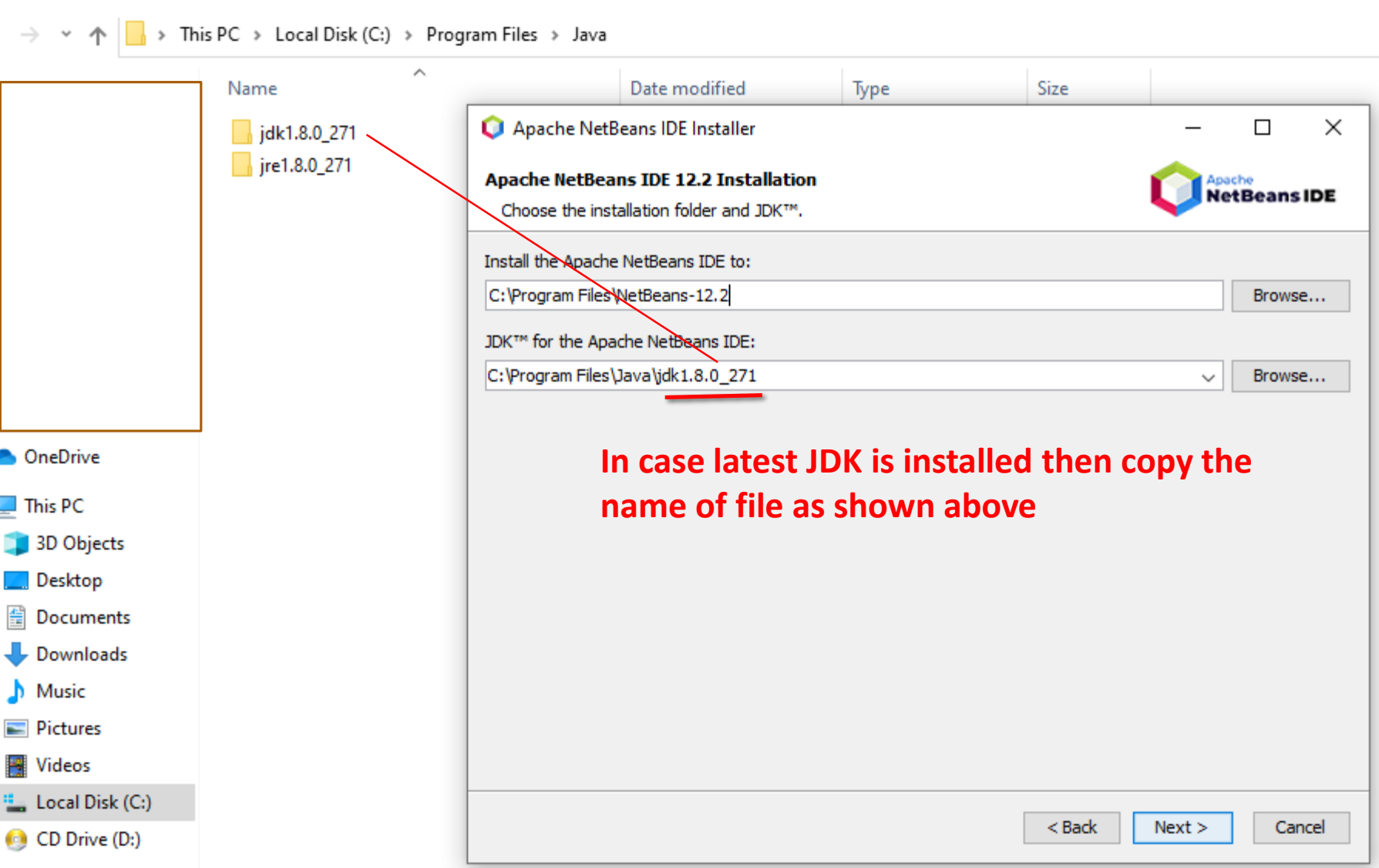
Now Install Netbeans

Apache NetBeans IDE Installer
Configuring the installer ...

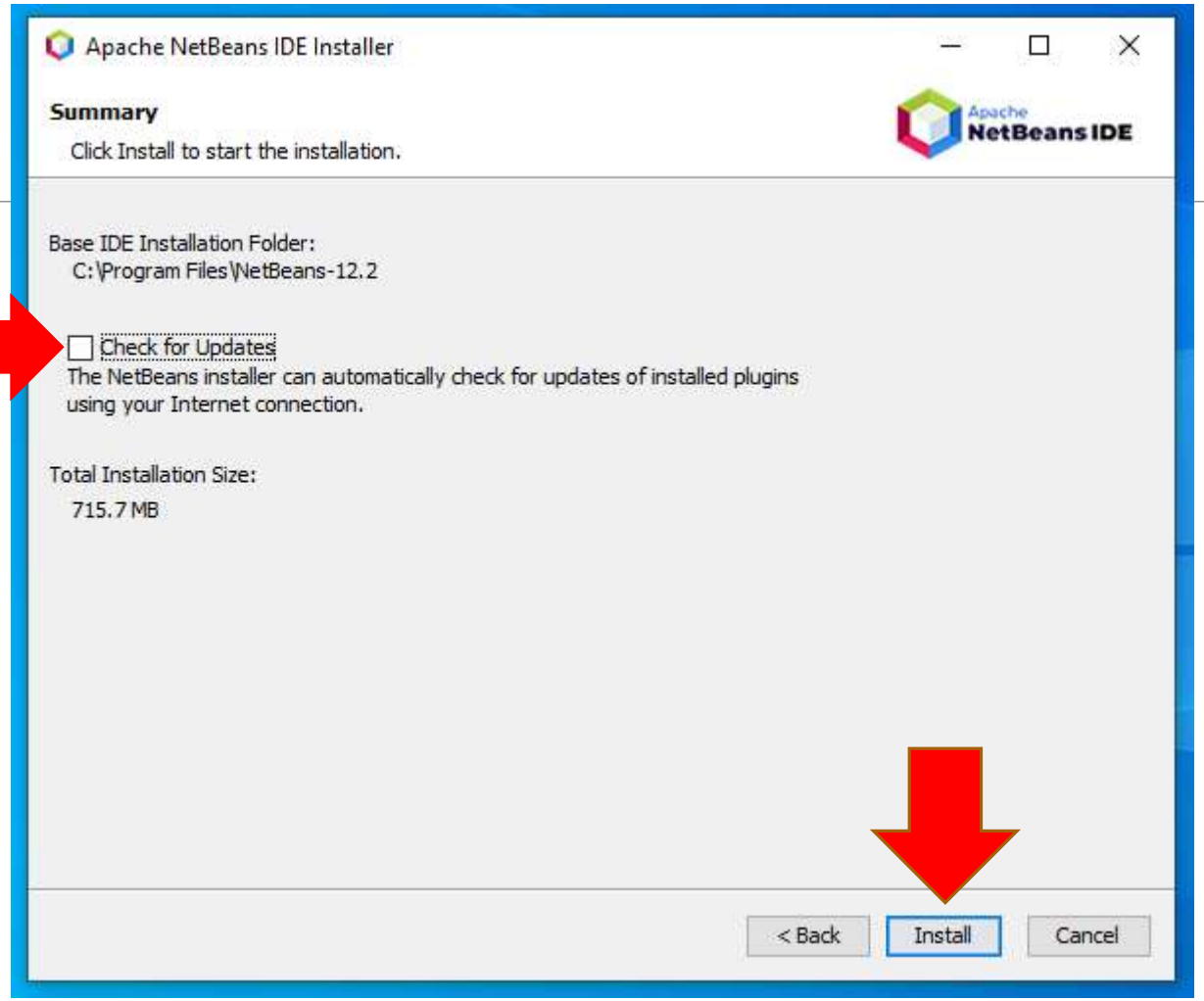

Apache NetBeans IDE Installer
Welcome to the Apache NetBeans IDE 12.2 Installer
The installer will install the NetBeans IDE with the following packs and runtimes.
Click Customize to select the packs and runtimes to install.
Base IDE
Java SE
Java EE
HTML5/JavaScript
PHP
Apache NetBeans IDE
Customize...
Installation Size: 715.7 MB
Next >
Cancel

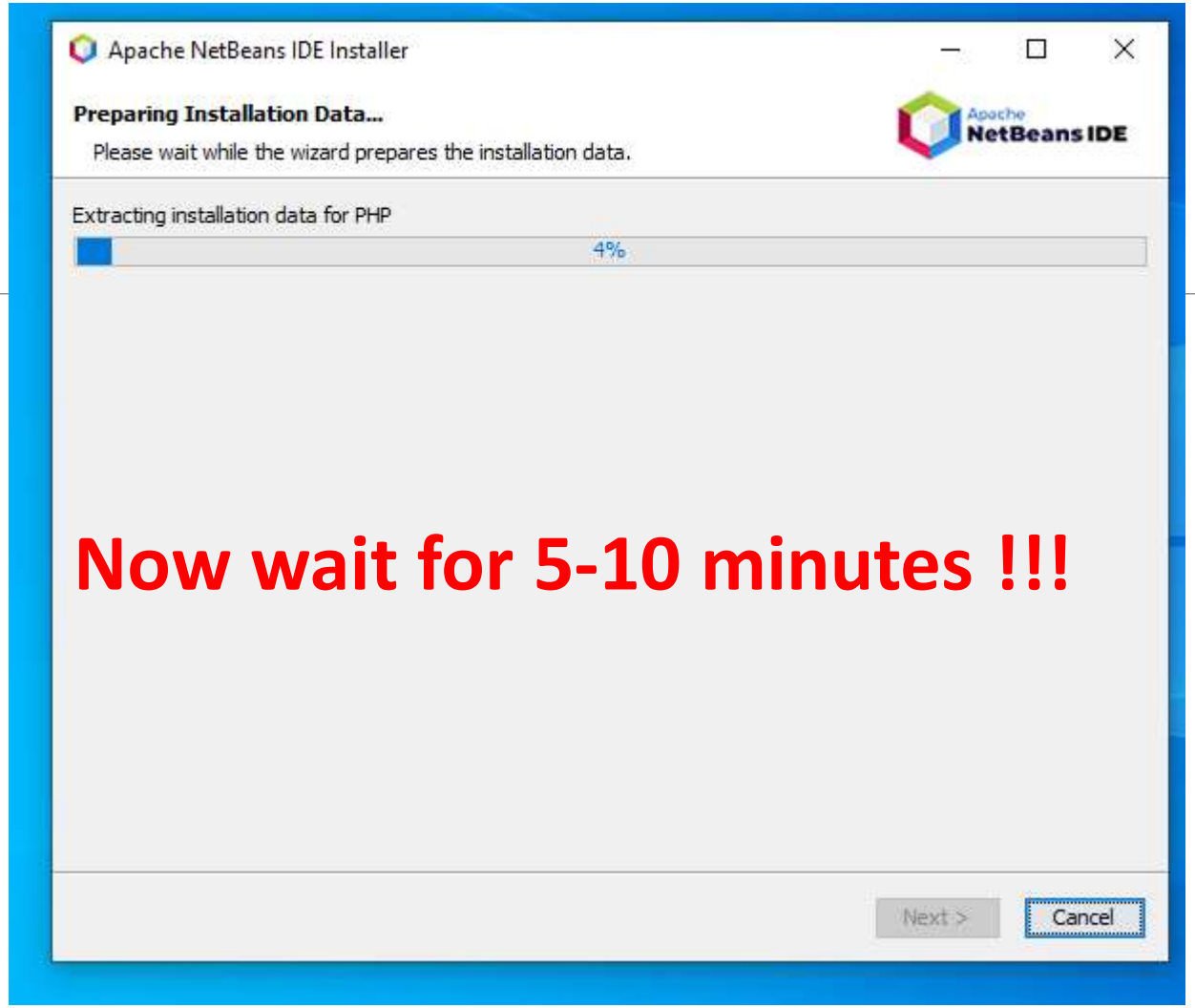

Apache NetBeans IDE Installer
License Agreement
Please read the following license agreement carefully.
Apache NetBeans IDE
APACHE NETBEANS IDE DEVELOPMENT VERSION ("Product")
LICENSE AGREEMENT
PLEASE READ THE FOLLOWING LICENSE AGREEMENT TERMS AND
CONDITIONS CAREFULLY, INCLUDING WITHOUT LIMITATION THOSE
DISPLAYED ELSEWHERE (AS INDICATED BY LINKS LISTED BELOW),
BEFORE USING THE SOFTWARE. THESE TERMS AND CONDITIONS
CONSTITUTE A LEGAL AGREEMENT BETWEEN YOU, OR THE ENTITY FOR
WHICH YOU ARE AN AUTHORIZED REPRESENTATIVE WITH FULL
AUTHORITY TO ENTER INTO THIS AGREEMENT, AND APACHE. BY
CLICKING "ACCEPT" OR THE EQUIVALENT YOU AGREE TO ALL OF
THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT. IF YOU
DO NOT AGREE TO THIS LICENSE DO NOT CLICK "ACCEPT" OR
THE EQUIVALENT AND DO NOT INSTALL OR USE THIS SOFTWARE.
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
I accept the terms in the license agreement
< Back
Next >
Cancel

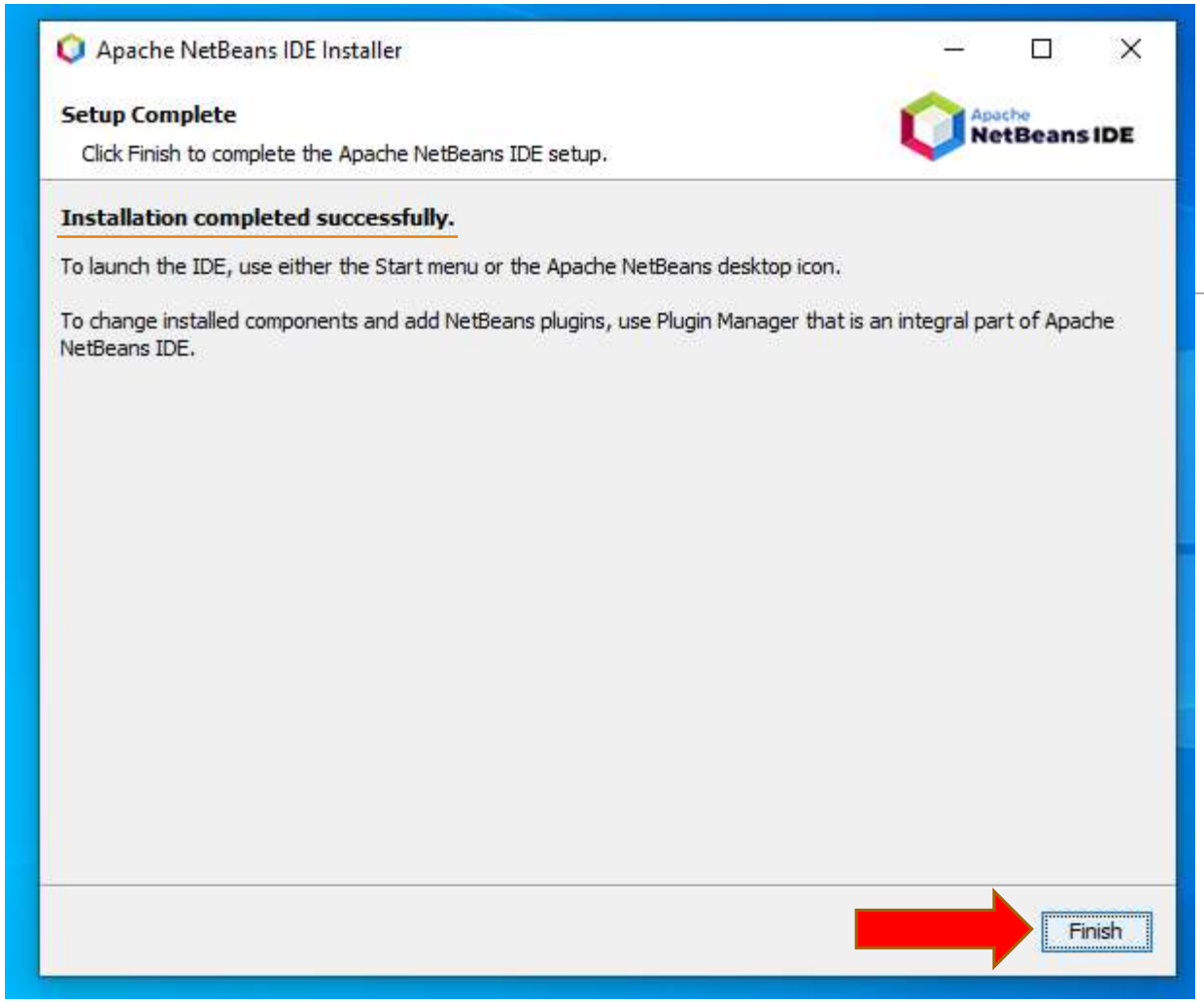

Apache NetBeans IDE Installer
Apache NetBeans IDE 12.2 Installation
Choose the installation folder and JDK™.
Apache NetBeans IDE
Install the Apache NetBeans IDE to:
C:\Program Files\NetBeans-12.2
Browse...
JDK™ for the Apache NetBeans IDE:
C:\Program Files\Java\jdk1.8.0_271
Browse...
Check in drive if there is any latest JDK already installed or not !!!
< Back
Next >
Cancel

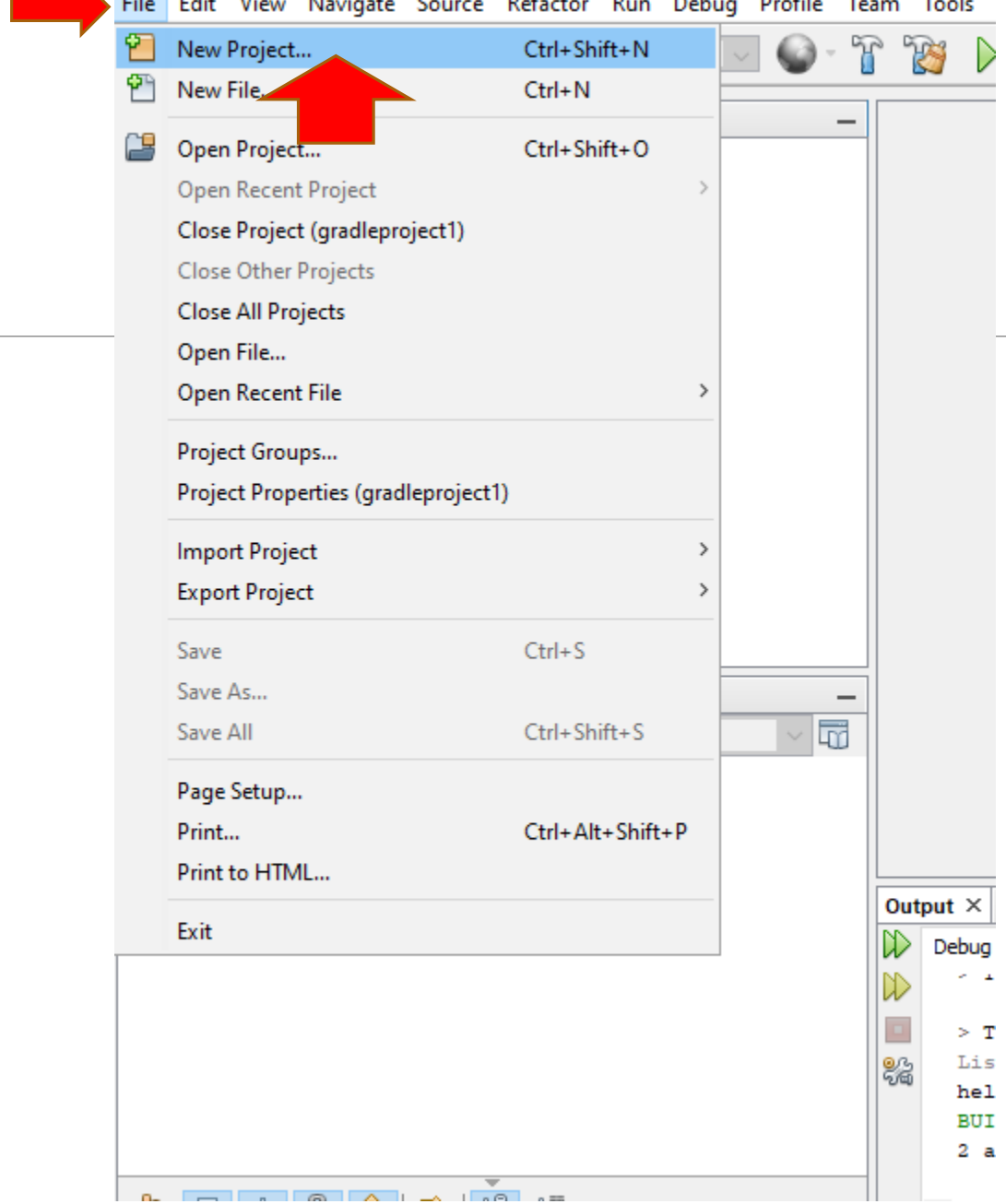

This PC › Local Disk (C:) › Program Files › Java
Name
Date modified
Type
Size
jdk1.8.0_271
jre1.8.0_271
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
CD Drive (D:)
New Volume (E:)
Apache NetBeans IDE Installer
Apache NetBeans IDE 12.2 Installation
Choose the installation folder and JDK™.
Apache NetBeans IDE
Install the Apache NetBeans IDE to:
C:\Program Files\NetBeans-12.2
Browse...
JDK™ for the Apache NetBeans IDE:
C:\Program Files\Java\jdk1.8.0_271
Browse...
In case latest JDK is installed then copy the name of file as shown above
< Back
Next >
Cancel

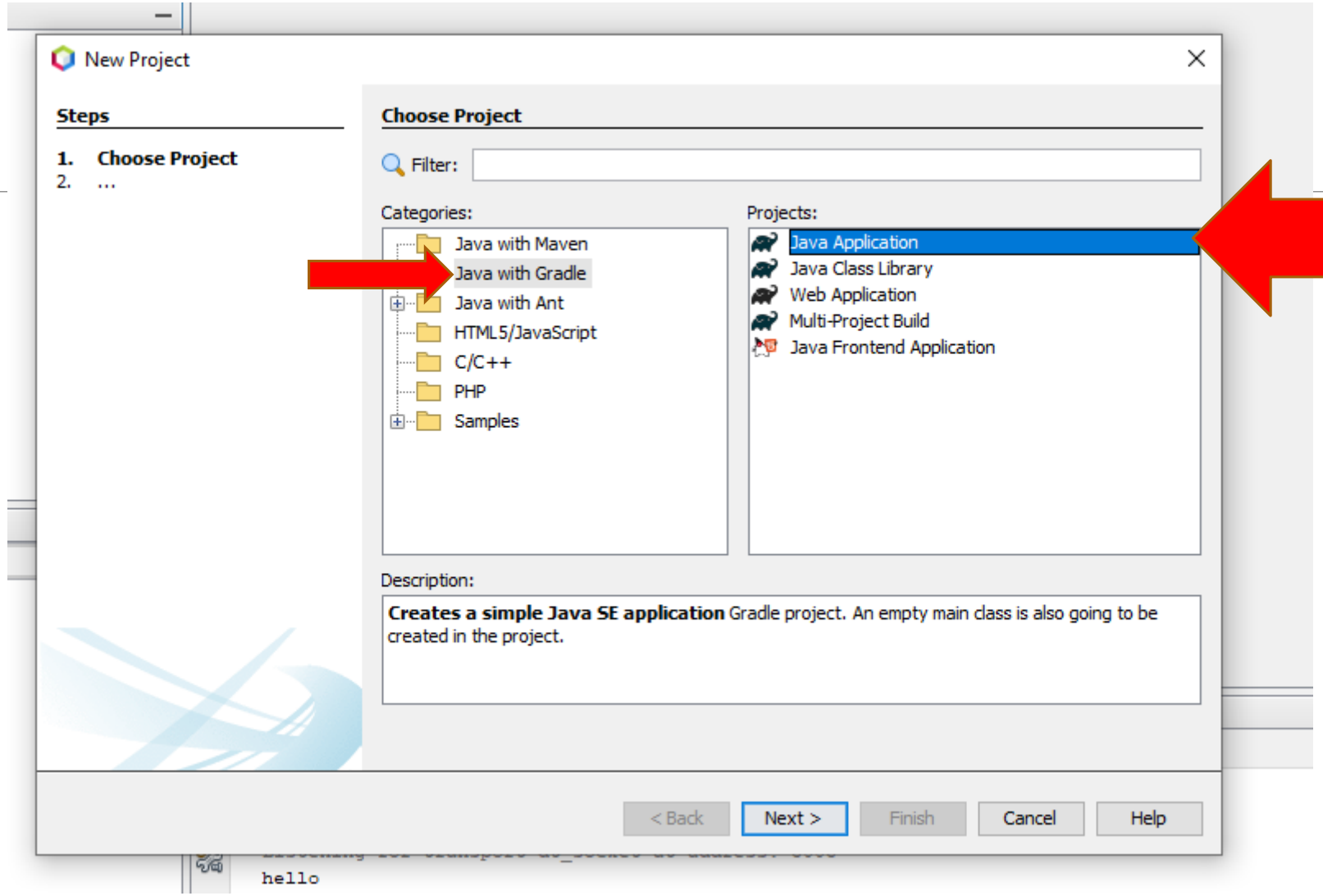
At this stage we don't require any updates …

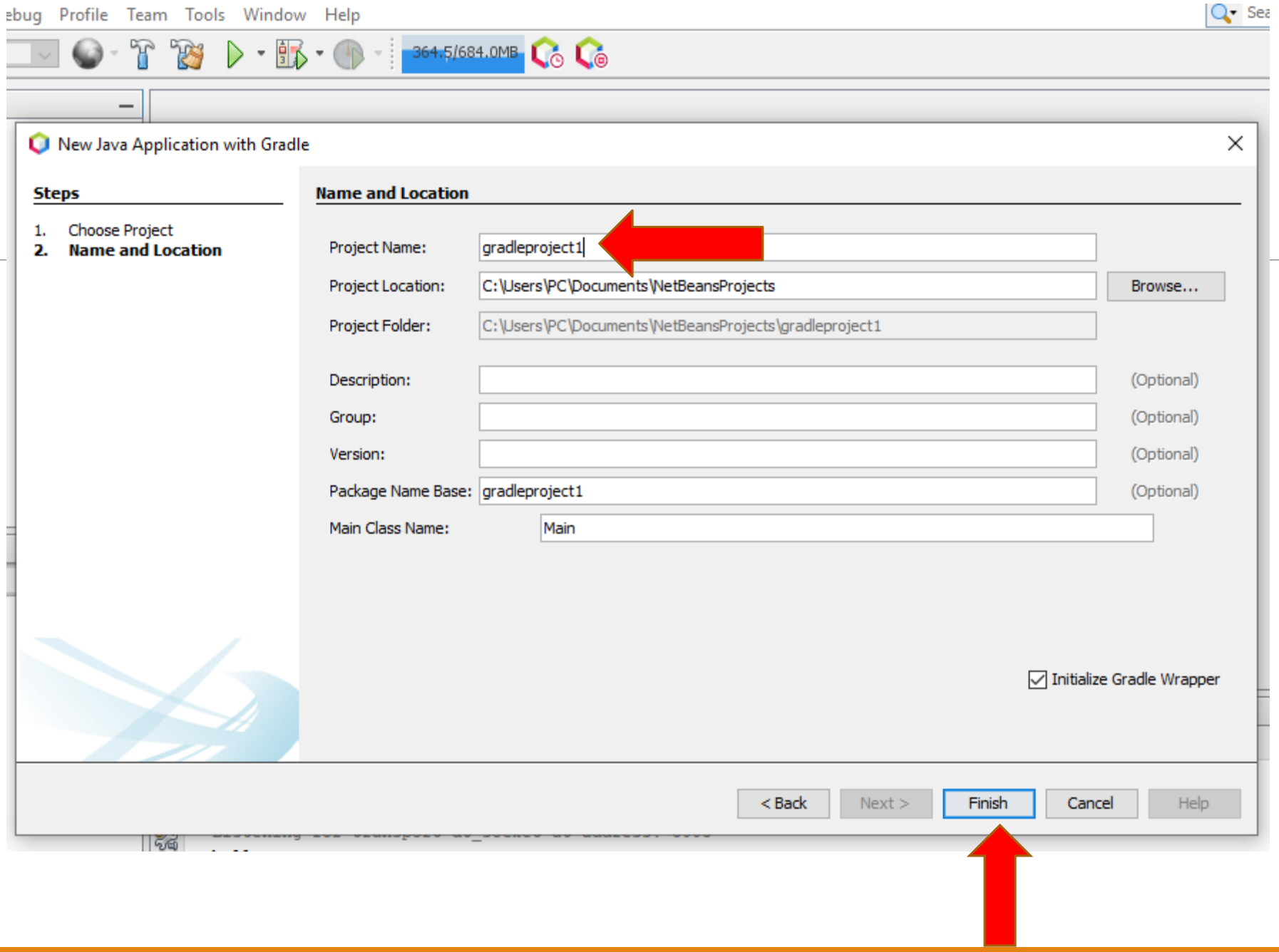


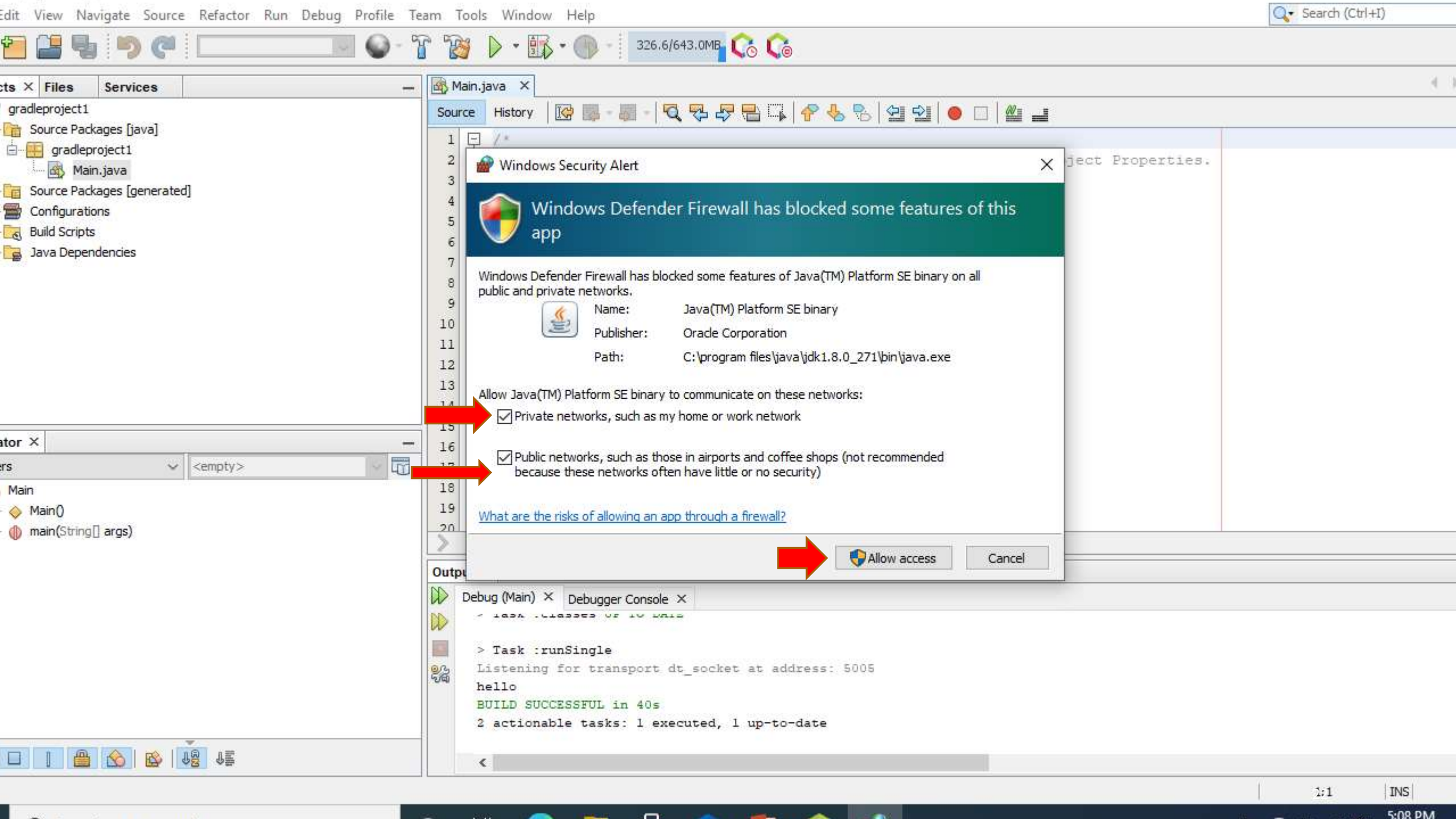

Apache NetBeans IDE Installer
Preparing Installation Data...
Please wait while the wizard prepares the installation data.
Apache NetBeans IDE
Extracting installation data for PHP
4%
Now wait for 5-10 minutes !!!
Next >
Cancel

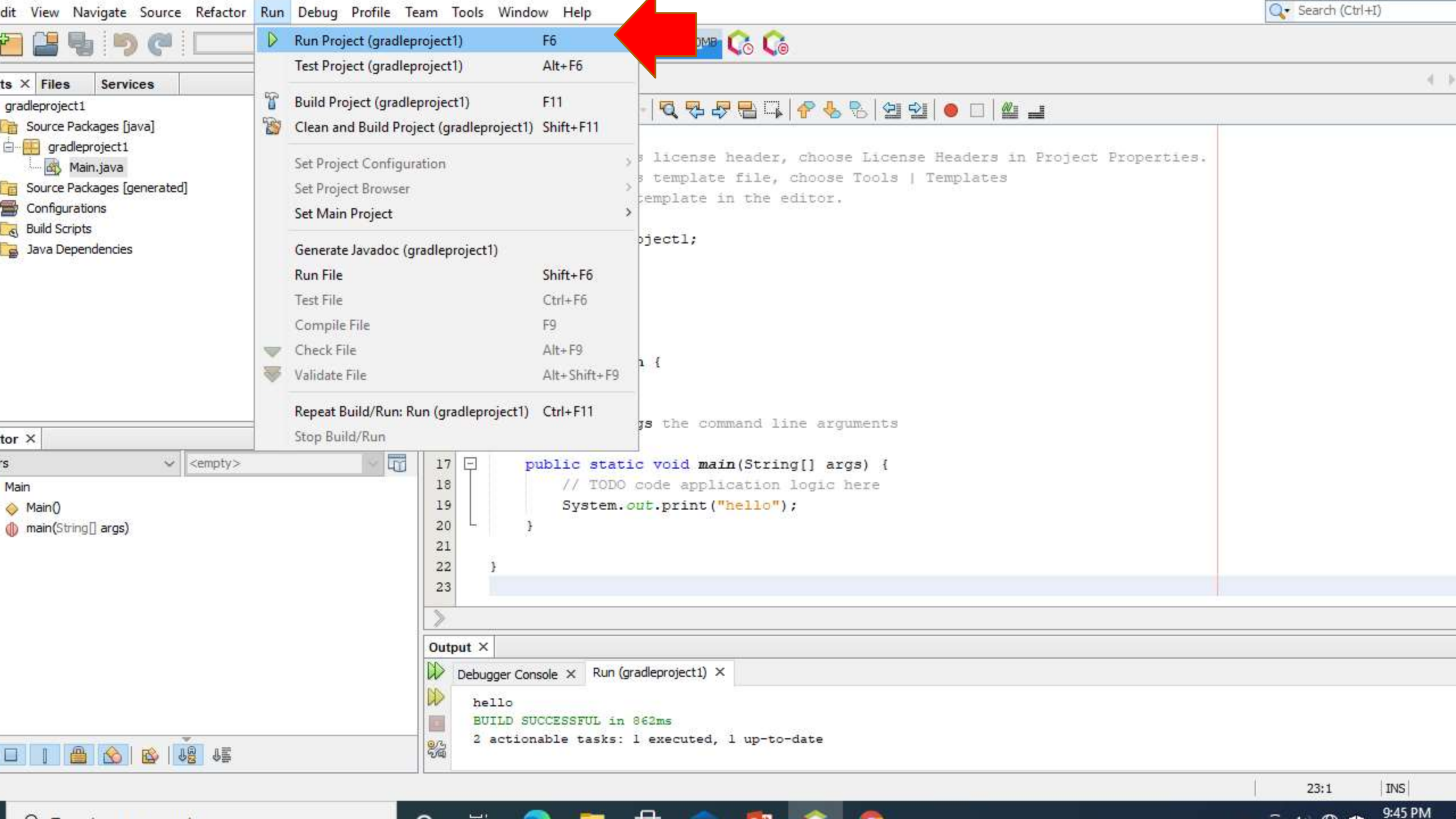

Apache NetBeans IDE Installer
Setup Complete
Click Finish to complete the Apache NetBeans IDE setup.
Apache NetBeans IDE
Installation completed successfully.
To launch the IDE, use either the Start menu or the Apache NetBeans desktop icon.
To change installed components and add NetBeans plugins, use Plugin Manager that is an integral part of Apache NetBeans IDE.
Finish


File
Edit
View
Navigate
Source
Refactor
Run
Debug
Profile
Team
Tools
New Project... Ctrl+Shift+N
New File... Ctrl+N
Open Project... Ctrl+Shift+O
Open Recent Project
Close Project (gradleproject1)
Close Other Projects
Close All Projects
Open File...
Open Recent File
Project Groups...
Project Properties (gradleproject1)
Import Project
Export Project
Save Ctrl+S
Save As...
Save All Ctrl+Shift+S
Page Setup...
Print... Ctrl+Alt+Shift+P
Print to HTML...
Exit
Output
Debug

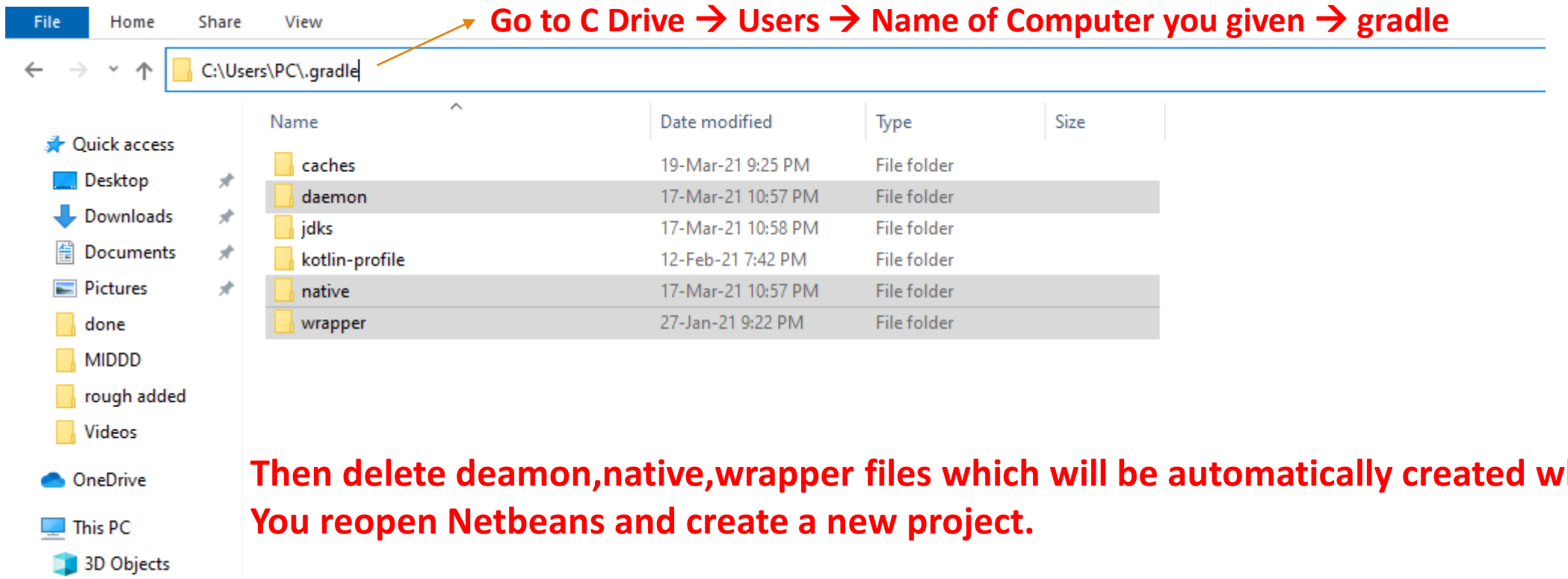

New Project
Steps
1. Choose Project
2. ...
Choose Project
Filter:
Categories:
Java with Maven
Java with Gradle
Java with Ant
HTML5/JavaScript
C/C++
PHP
Samples
Projects:
Java Application
Java Class Library
Web Application
Multi-Project Build
Java Frontend Application
Description:
Creates a simple Java SE application Gradle project. An empty main class is also going to be created in the project.
< Back
Next >
Finish
Cancel
Help
hello


ebug Profile Team Tools Window Help
364.5/684.0MB
New Java Application with Gradle
Steps
1. Choose Project
2. Name and Location
Name and Location
Project Name: gradleproject1
Project Location: C:\Users\PC\Documents\NetBeansProjects
Browse...
Project Folder: C:\Users\PC\Documents\NetBeansProjects\gradleproject1
Description:
(Optional)
Group:
(Optional)
Version:
(Optional)
Package Name Base: gradleproject1
(Optional)
Main Class Name: Main
Initialize Gradle Wrapper
< Back
Next >
Finish
Cancel
Help


Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
326.6/643.0MB
Files
Services
gradleproject1
Source Packages [java]
gradleproject1
Main.java
Source Packages [generated]
Configurations
Build Scripts
Java Dependencies
Main.java
Source
History
Windows Security Alert
Windows Defender Firewall has blocked some features of this app
Windows Defender Firewall has blocked some features of Java(TM) Platform SE binary on all public and private networks.
Name: Java(TM) Platform SE binary
Publisher: Oracle Corporation
Path: C:\program files\java\jdk1.8.0_271\bin\java.exe
Allow Java(TM) Platform SE binary to communicate on these networks:
Private networks, such as my home or work network
Public networks, such as those in airports and coffee shops (not recommended because these networks often have little or no security)
What are the risks of allowing an app through a firewall?
Allow access
Cancel
Main
Main()
main(String[] args)
Debug (Main)
Debugger Console
> Task :runSingle
Listening for transport dt_socket at address: 5005
hello
BUILD SUCCESSFUL in 40s
2 actionable tasks: 1 executed, 1 up-to-date
INS


dit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
Run Project (gradleproject1) F6
Test Project (gradleproject1) Alt+F6
Build Project (gradleproject1) F11
Clean and Build Project (gradleproject1) Shift+F11
Set Project Configuration
Set Project Browser
Set Main Project
Generate Javadoc (gradleproject1)
Run File Shift+F6
Test File Ctrl+F6
Compile File F9
Check File Alt+F9
Validate File Alt+Shift+F9
Repeat Build/Run: Run (gradleproject1) Ctrl+F11
Stop Build/Run
ts Files Services
gradleproject1
Source Packages [java]
gradleproject1
Main.java
Source Packages [generated]
Configurations
Build Scripts
Java Dependencies
tor
<empty>
Main
Main()
main(String[] args)
s license header, choose License Headers in Project Properties.
s template file, choose Tools | Templates
template in the editor.
oject1;
n {
gs the command line arguments
17 public static void main(String[] args) {
18 // TODO code application logic here
19 System.out.print("hello");
20 }
21
22 }
23
Output
Debugger Console
Run (gradleproject1)
hello
BUILD SUCCESSFUL in 862ms
2 actionable tasks: 1 executed, 1 up-to-date
23:1
INS
9:45 PM

In case your application don’t execute!



Then delete deamon,native,wrapper files which will be automatically created when You reopen Netbeans and create a new project.

Thanks