Eclipse Java 2018-12 Installation Guide
- for Windows 10
Java version 11
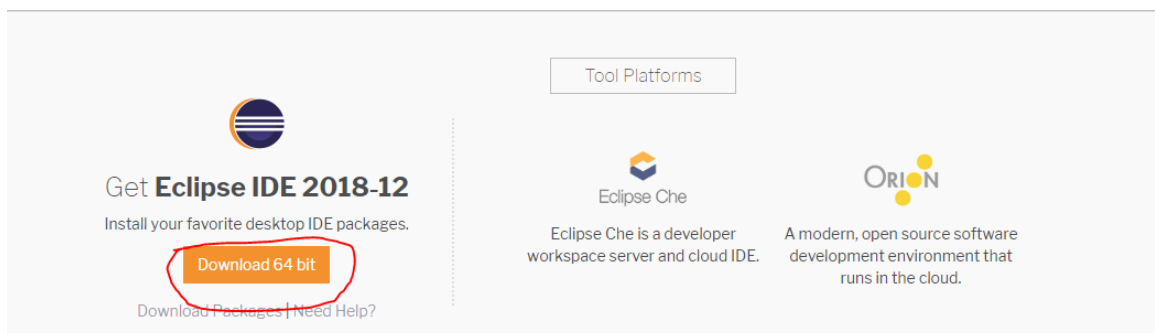
Dante

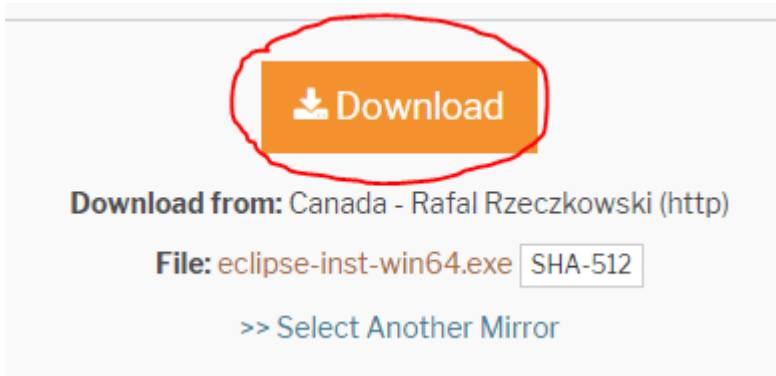January 18, 2019

1 Download Eclipse

Go to `https://www.eclipse.org/downloads/`
Download **Eclipse IDE 2018-12**

Run the executable, select **Eclipse IDE for Java Developers**
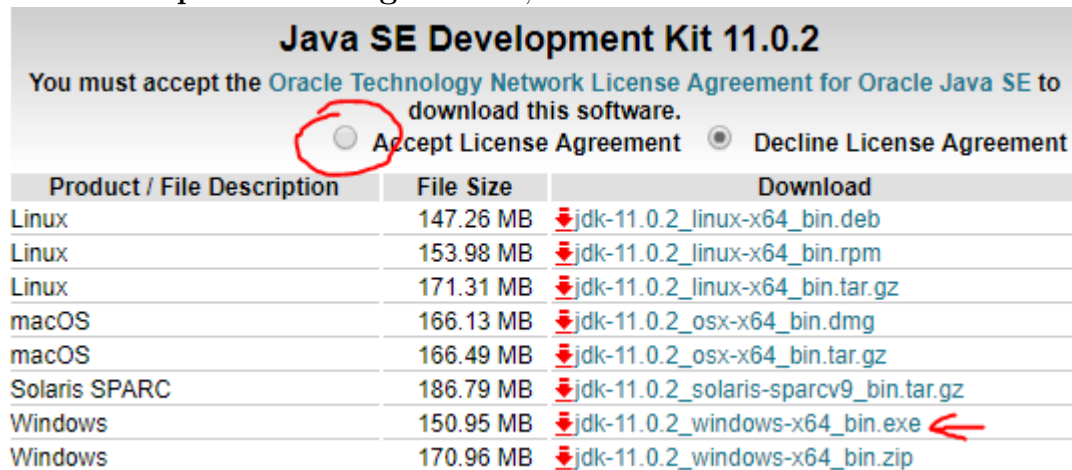

Finish Installation

2 Install Java

Go to `https://www.oracle.com/technetwork/java/javase/downloads/jdk11-downloads-5066655.html`

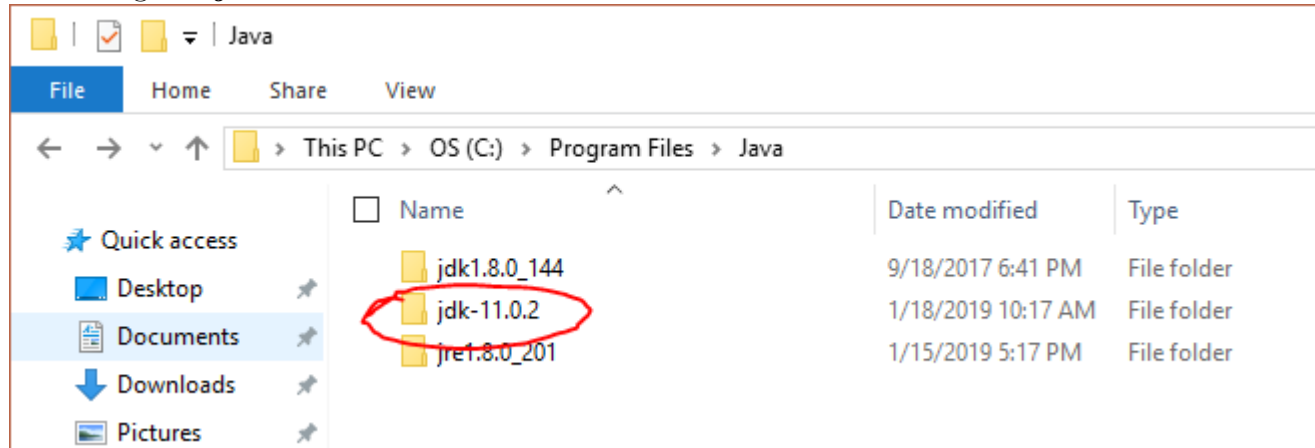Select **Accept License Agreement**, then download the **.exe** file. Run it

Java SE Development Kit 11.0.2

You must accept the Oracle Technology Network License Agreement for Oracle Java SE to download this software.
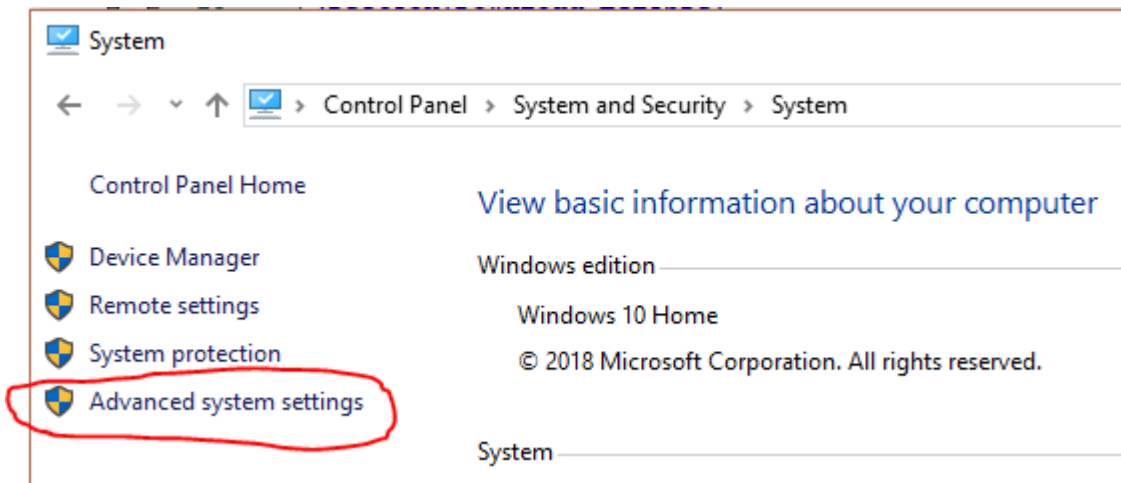
○ Accept License Agreement   ● Decline License Agreement

Product / File Description	File Size	Download
Linux	147.26 MB	⬇jdk-11.0.2_linux-x64_bin.deb
Linux	153.98 MB	⬇jdk-11.0.2_linux-x64_bin.rpm
Linux	171.31 MB	⬇jdk-11.0.2_linux-x64_bin.tar.gz
macOS	166.13 MB	⬇jdk-11.0.2_osx-x64_bin.dmg
macOS	166.49 MB	⬇jdk-11.0.2_osx-x64_bin.tar.gz
Solaris SPARC	186.79 MB	⬇jdk-11.0.2_solaris-sparcv9_bin.tar.gz
Windows	150.95 MB	⬇jdk-11.0.2_windows-x64_bin.exe
Windows	170.96 MB	⬇jdk-11.0.2_windows-x64_bin.zip

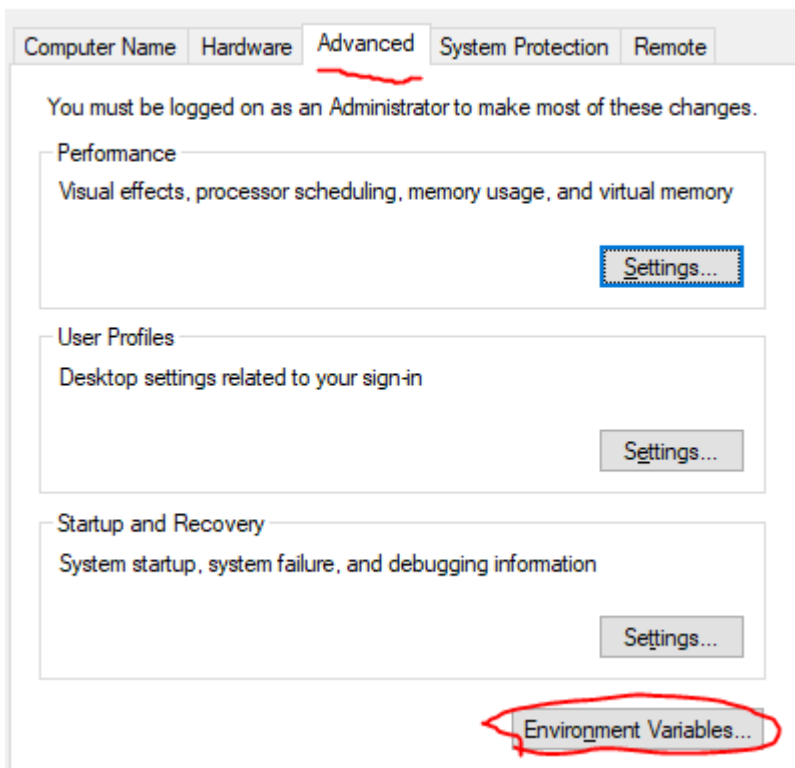Java should be under **Program Files**. The name of the folder should be something like **jdk-11.0.2**.

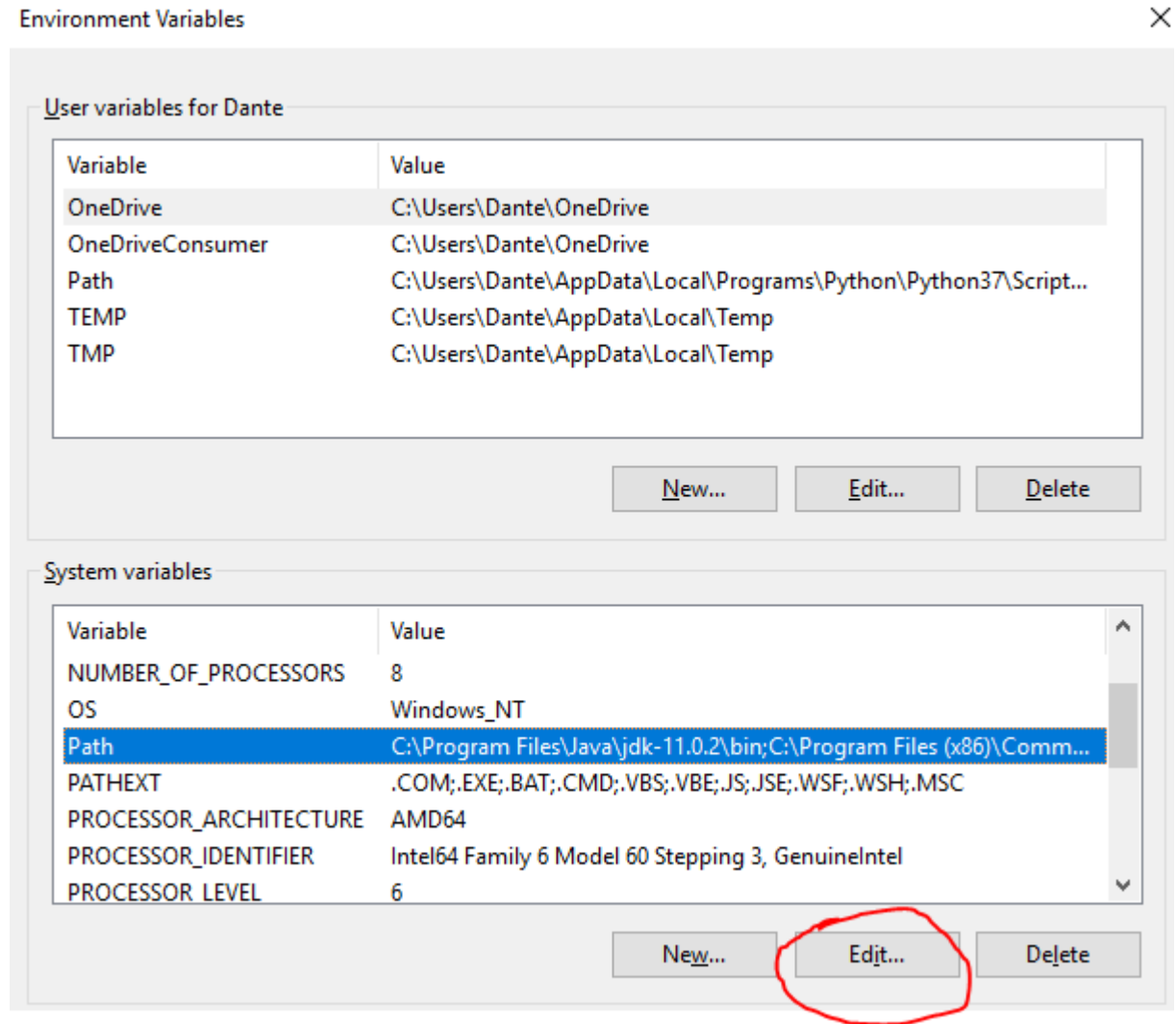|	Name	Date modified	Type
	jdk1.8.0_144	9/18/2017 6:41 PM	File folder
	jdk-11.0.2	1/18/2019 10:17 AM	File folder
	jre1.8.0_201	1/15/2019 5:17 PM	File folder

In this example, the path is
`C:\Program Files\Java\jdk-11.0.2`

Go to **Control Panel ⟩ System and Security ⟩ System**
Click on **Advanced system settings**

Under the **Advanced** tab, go to **Environment Variables**

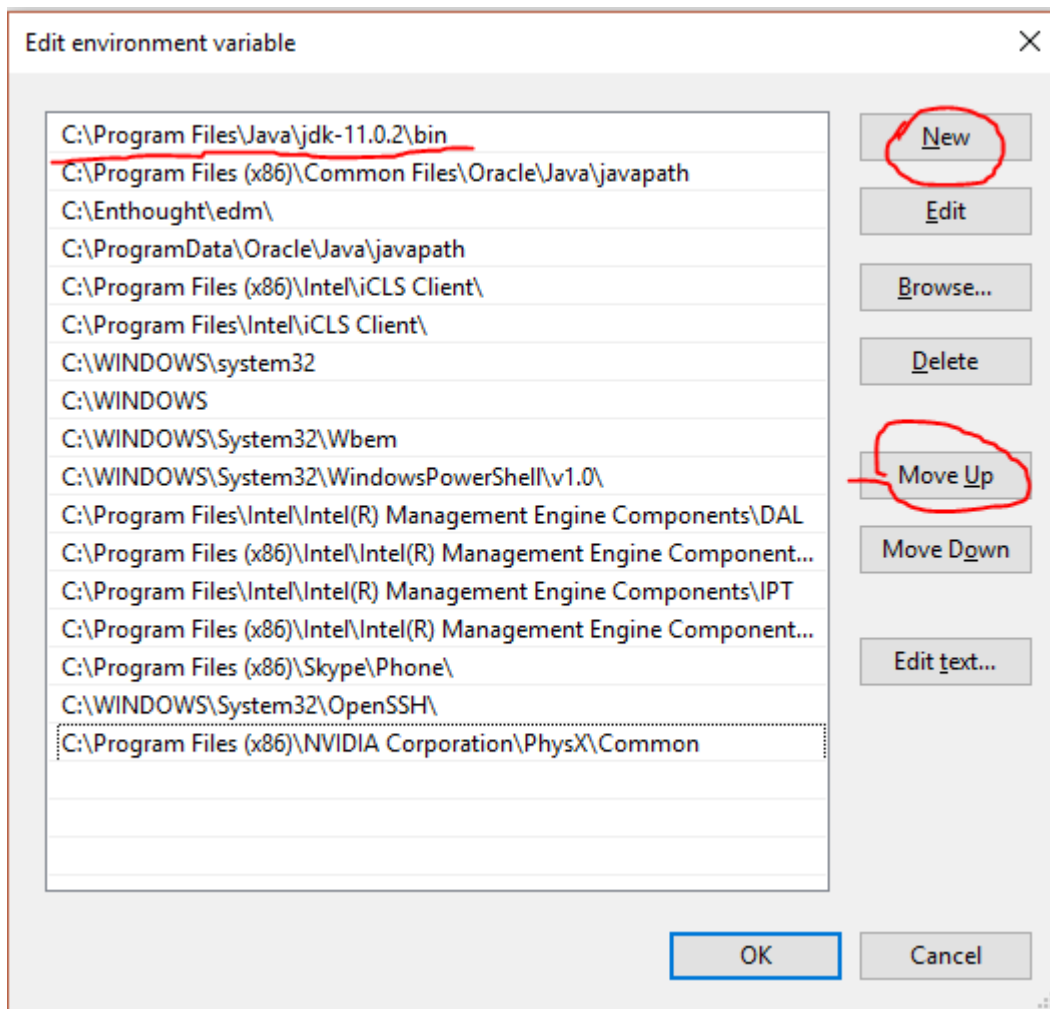Select **Path** under **System variables**, then click **Edit**

Click on **New** to create a new path, enter the path to the bin folder.
In this example, the path is
`C:\Program Files\Java\jdk-11.0.2\bin`
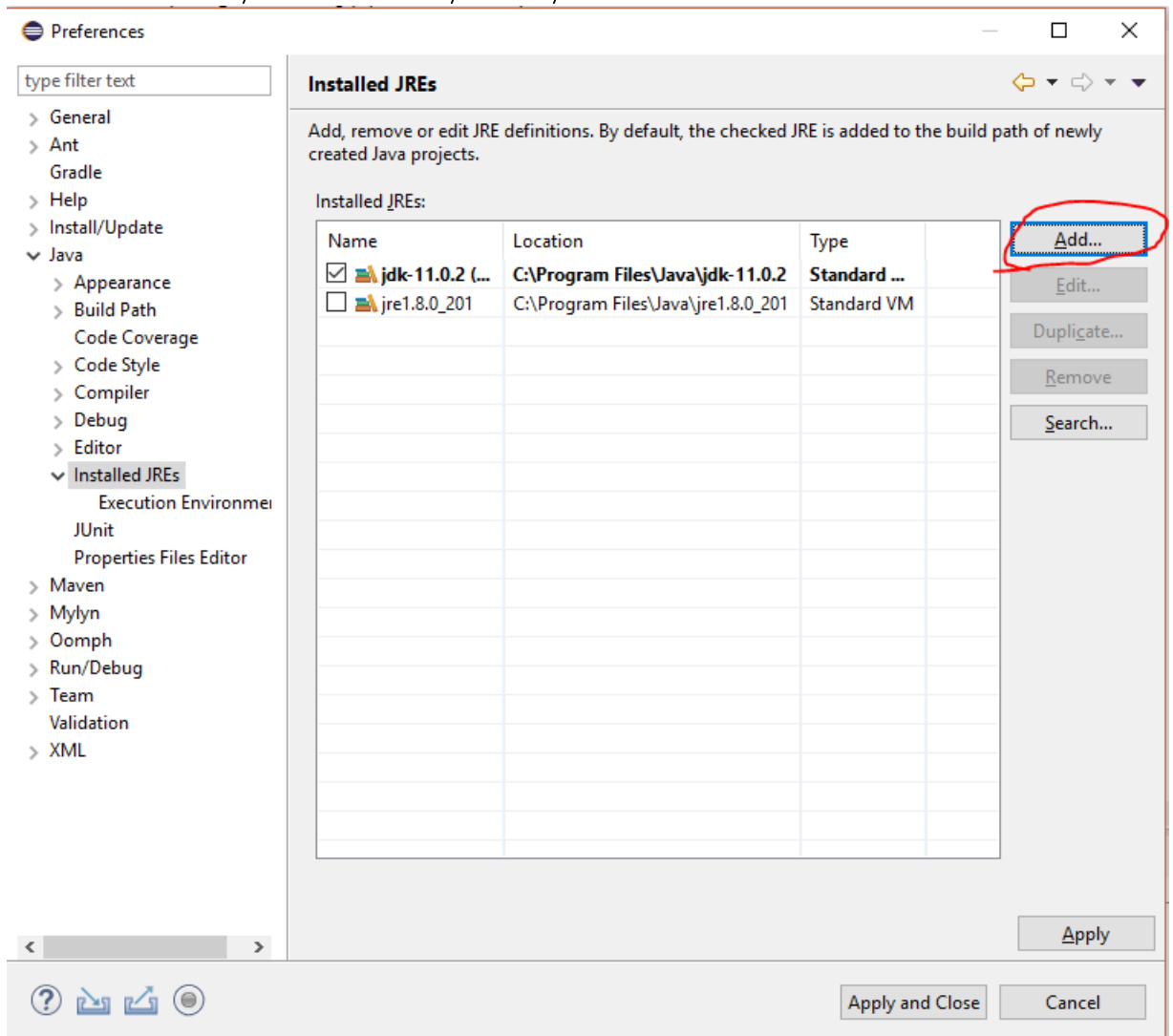Select the path, and move it all the way up using the **Move Up** button.

Edit environment variable

C:\Program Files\Java\jdk-11.0.2\bin
C:\Program Files (x86)\Common Files\Oracle\Java\javapath
C:\Enthought\edm\
C:\ProgramData\Oracle\Java\javapath
C:\Program Files (x86)\Intel\iCLS Client\
C:\Program Files\Intel\iCLS Client\
C:\WINDOWS\system32
C:\WINDOWS
C:\WINDOWS\System32\Wbem
C:\WINDOWS\System32\WindowsPowerShell\v1.0\
C:\Program Files\Intel\Intel(R) Management Engine Components\DAL
C:\Program Files (x86)\Intel\Intel(R) Management Engine Component...
C:\Program Files\Intel\Intel(R) Management Engine Components\IPT
C:\Program Files (x86)\Intel\Intel(R) Management Engine Component...
C:\Program Files (x86)\Skype\Phone\
C:\WINDOWS\System32\OpenSSH\
C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common

New
Edit
Browse...
Delete
Move Up
Move Down
Edit text...
OK
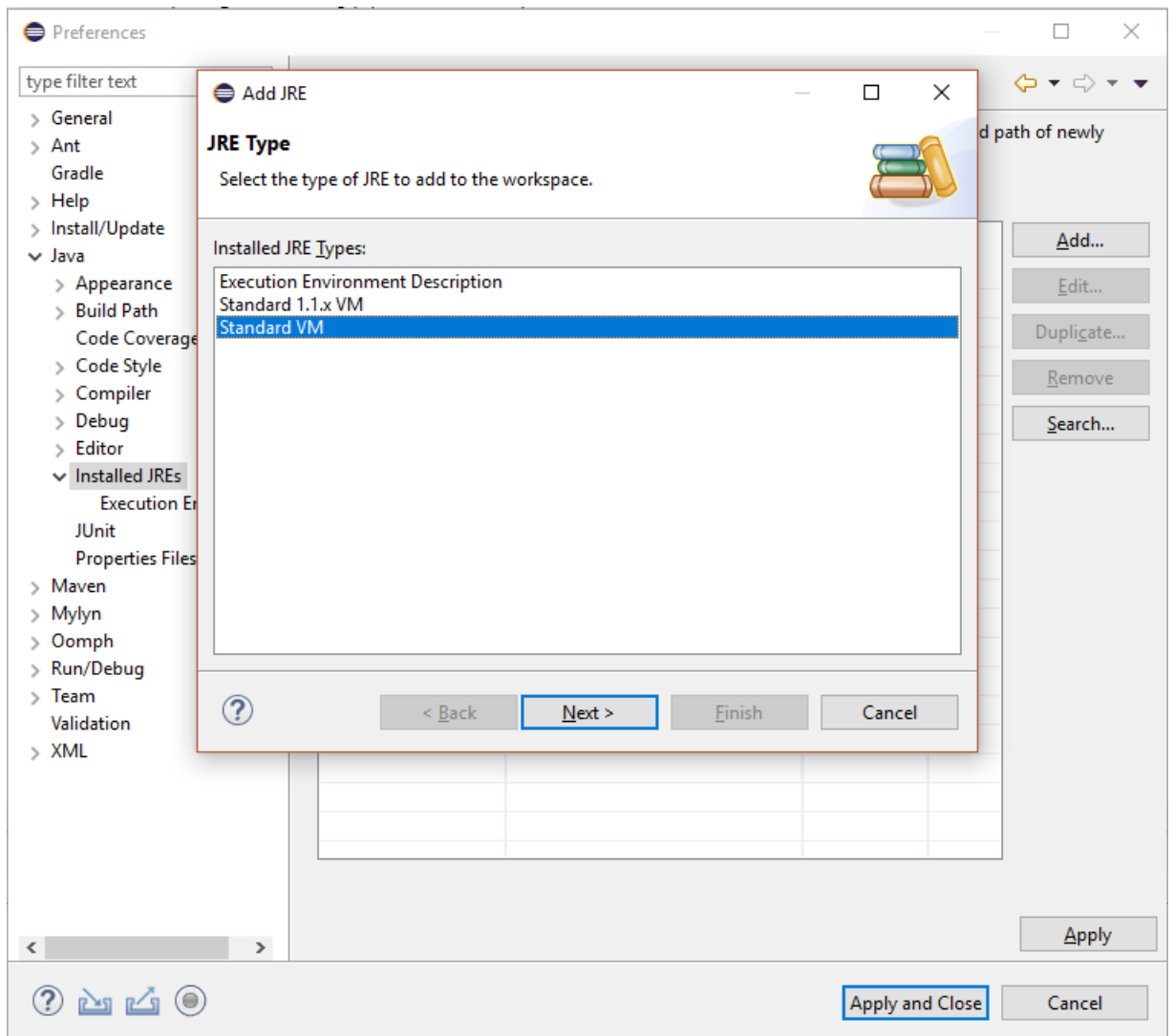Cancel

OK everything.

3 Setup Environment Path for Eclipse
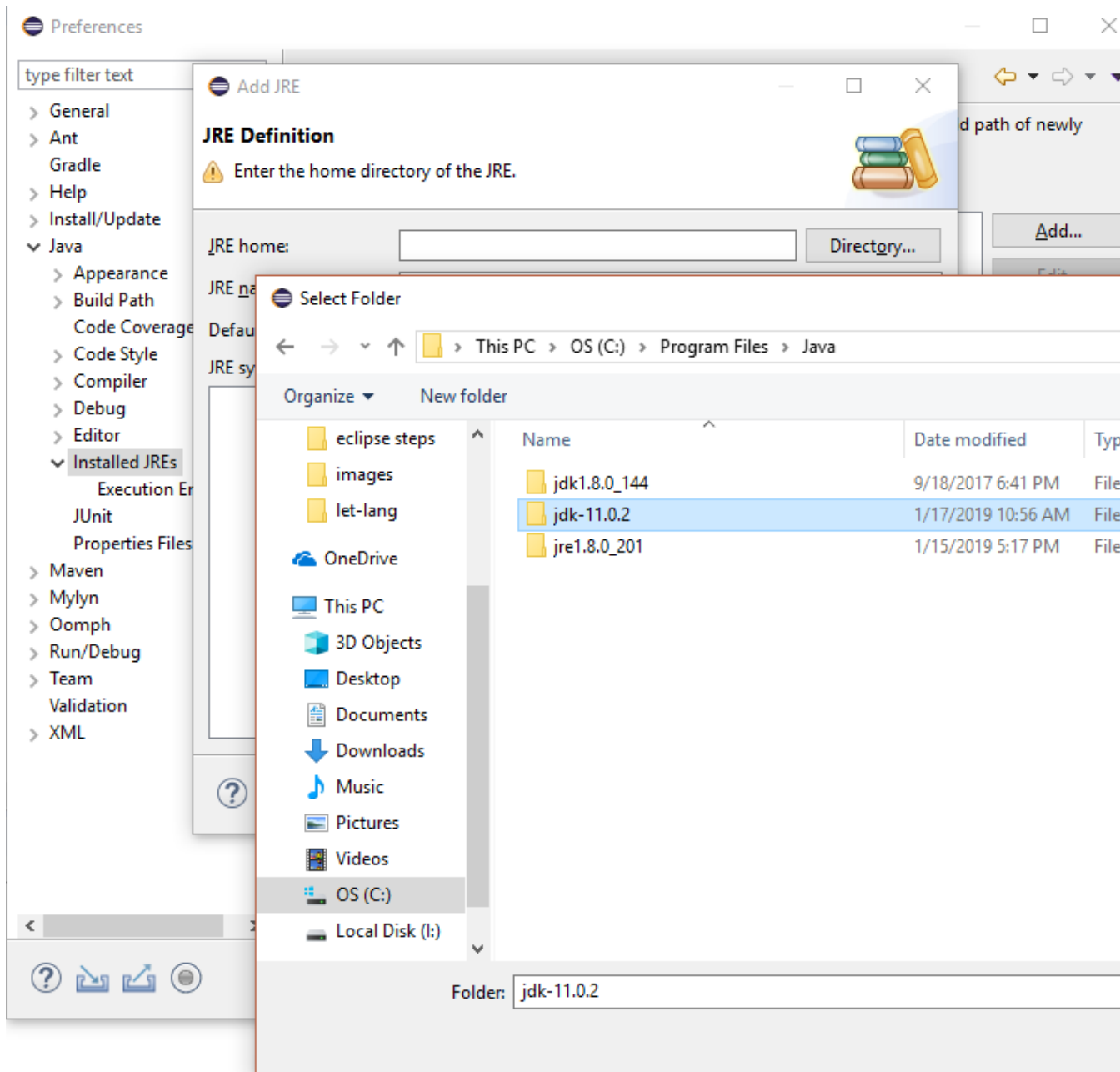
Now open **Eclipse Java 2018-12**
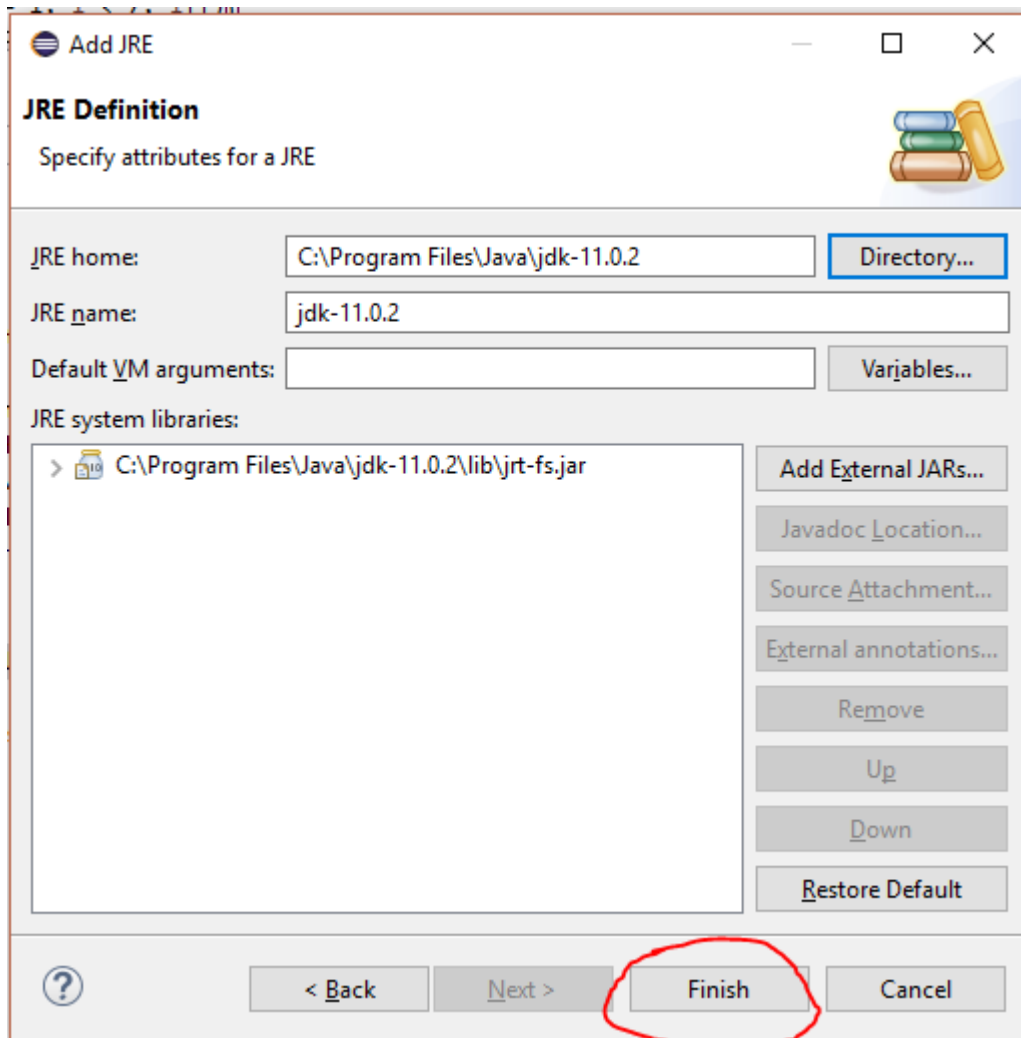Go to **Windows** ⟩ **Preferences** ⟩ **Java** ⟩ **Installed JREs**
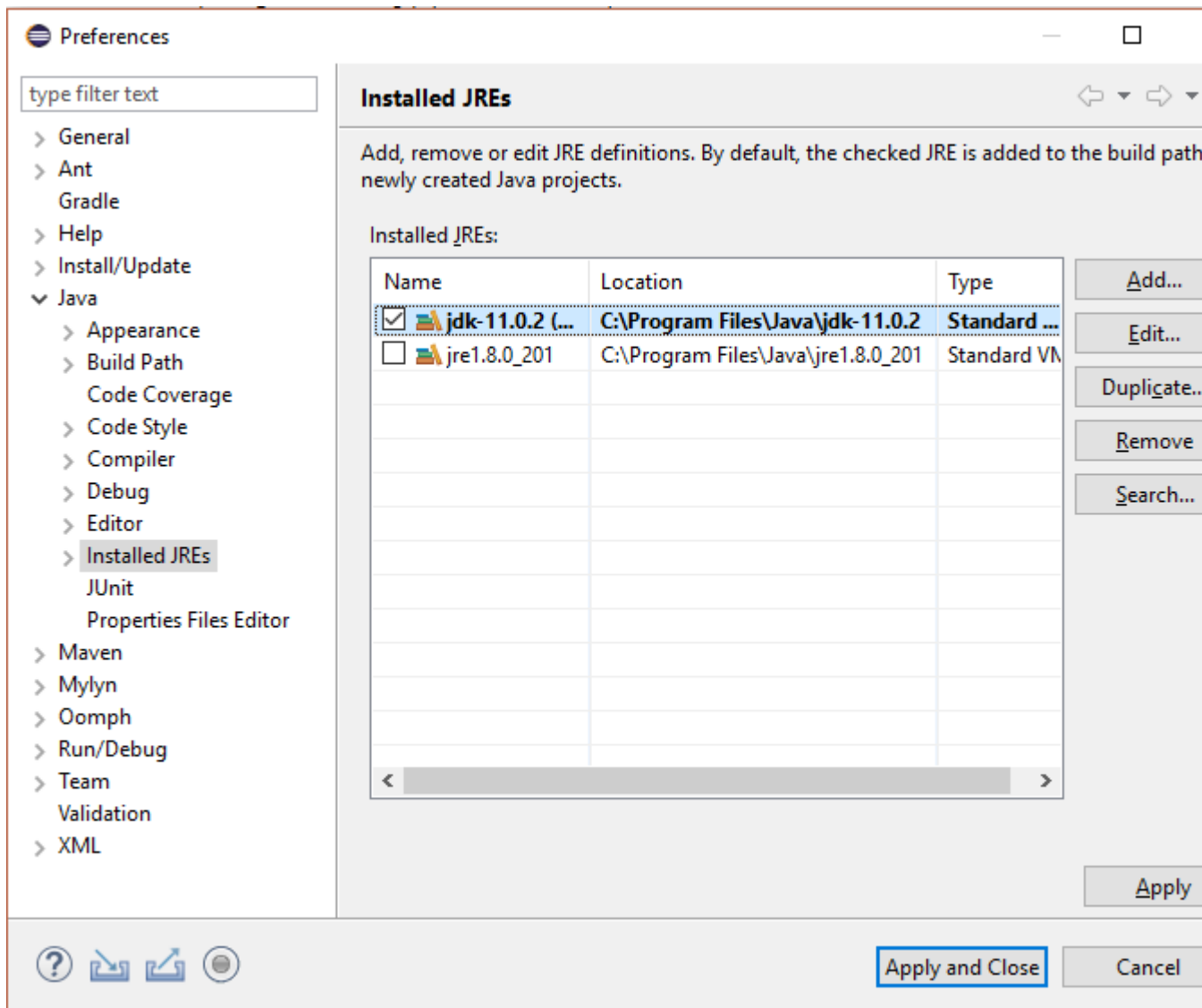

Click on **Add**

Select **Standard VM**, Next

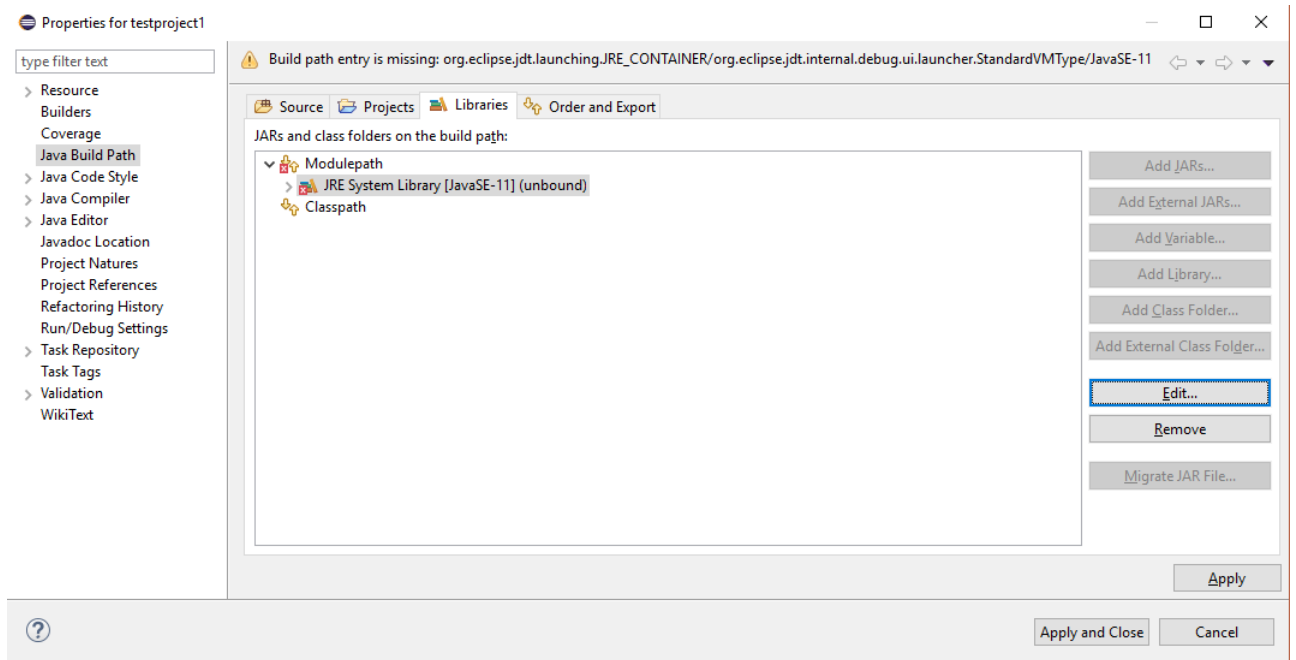Click on Directory, find the jdk folder
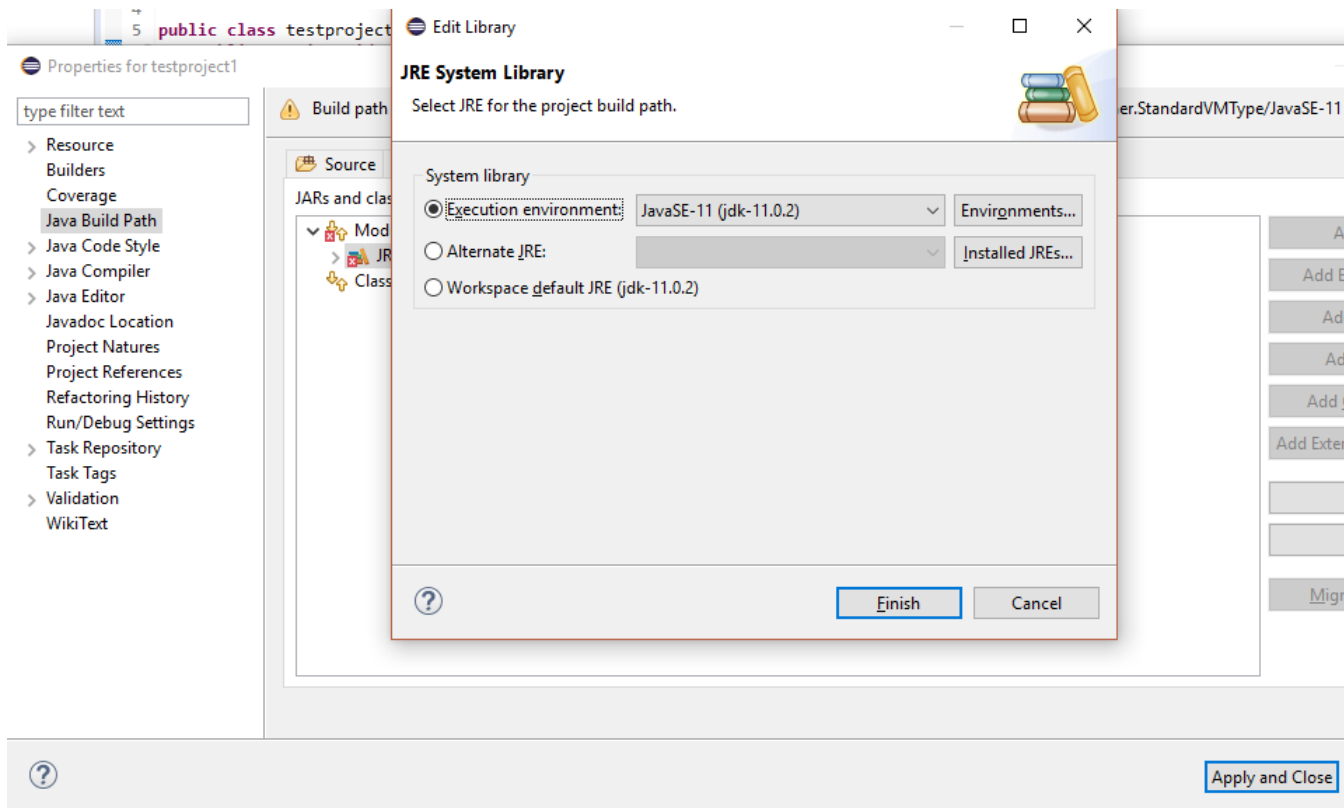
JRE name should automatically appear, click finish

Check **jdk-11**

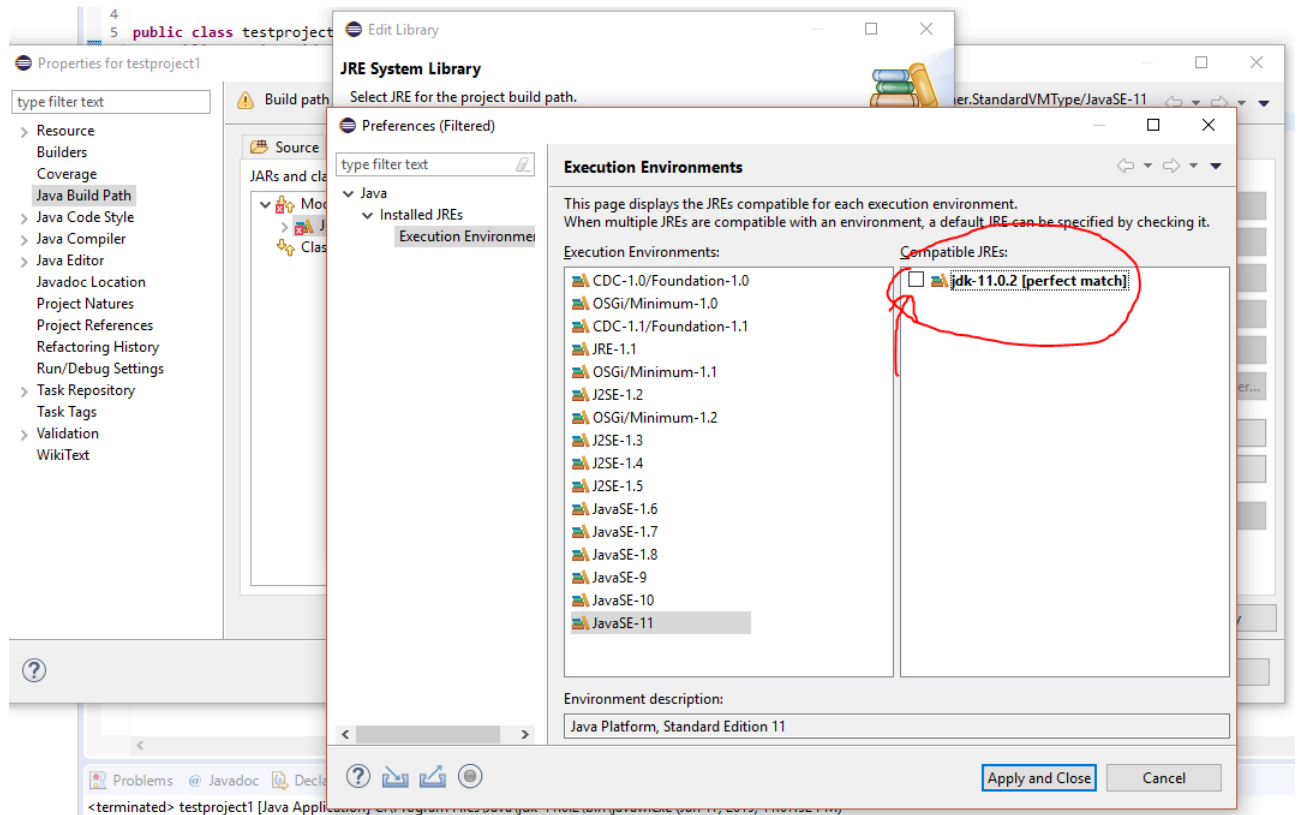Make a new project. **File ⟩ New ⟩ Java Project**

Select **JavaSE-11** for **Use an execution environment JRE**

Go to **Project** ⟩ **Properties** ⟩ **Java Build Path**

If you see (unbound), click **Edit)**

Click on **Environments**

Select JavaSE-11, and select the **perfect match** that appears on the right
side.
Apply everything.

4   Test Run

Under the project you created earlier, there should be a folder called **src**.
Right click the project in **Package Explorer**
New ⟩ package
Right click the package and make a **Class**
Insert the following code
In this example, the name of the package is *testProject*, and the name of the
class is *testProject*.

```java
package testProject;

import java.util.*;

public class testProject {

    public static void main(String[] args) {

        System.out.println("It's working!");

    }
}
```

Click the green Play button to run the program.