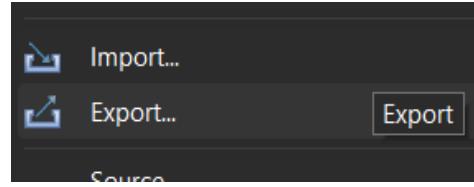


## Convert .java file to .exe

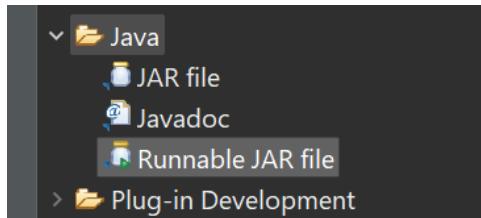
### Eclipse:

1. Click the main java file of project



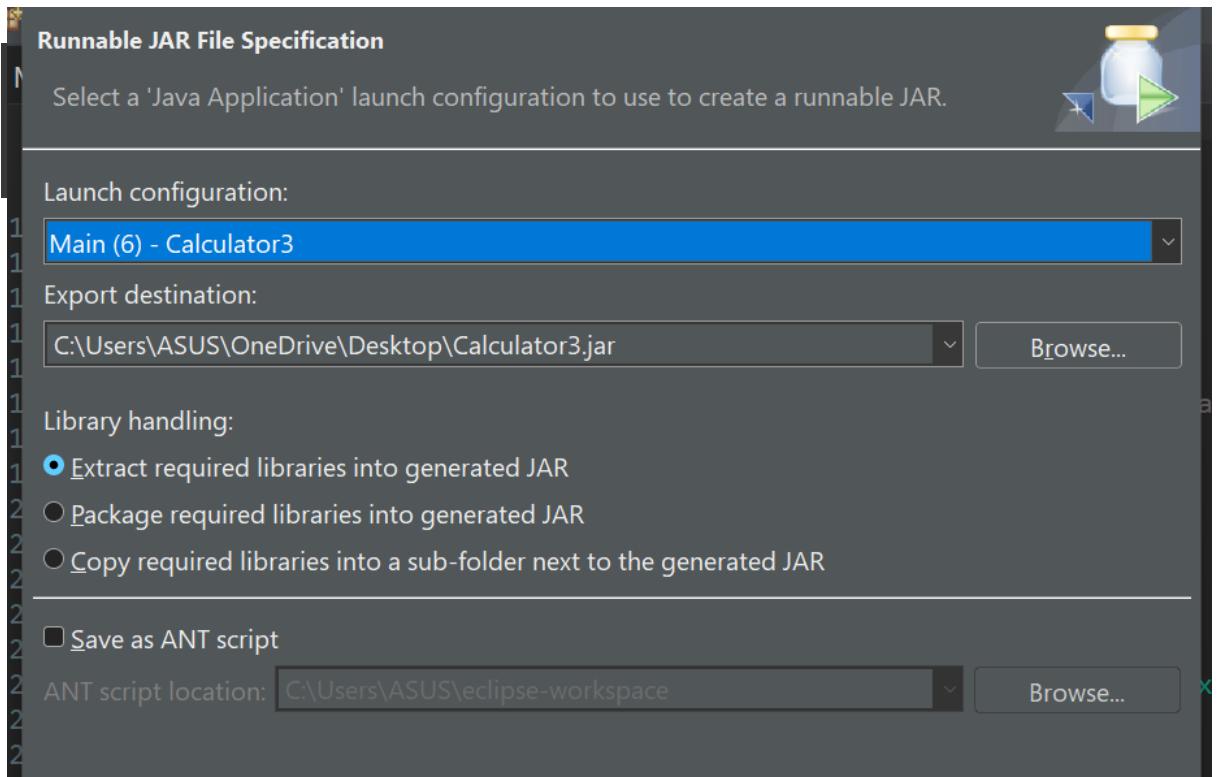
2. Then right click and export

3. Runnable JAR file



4. Launch configuration select the main project

5. Export destination where create jar files



6. when select export destination then file name as .jar extention

7. Library handling first option select alltime

8. Now finish and jar file created your selected location

### **Steps to Create the Shortcut:**

1. Right-click on your desktop or in any folder and select New > Shortcut.
2. Enter the command above in the location field.
3. Click Next, give the shortcut a name (e.g., "Calculator App"), and click Finish.
4. Now, you can double-click this shortcut to launch your JavaFX application directly.

## ★ ★ ★ RUN JAR FILES ★ ★ ★

### Command prompt:

```
"C:\Program Files\Java\jdk-23\bin\javaw.exe" --module-path "C:\Users\ASUS\JAVA\javafx-sdk-23.0.1\lib" --add-modules javafx.controls,javafx.fxml -jar  
"C:\Users\ASUS\OneDrive\Desktop\Calculator3.jar"
```

where in last just change which jar files you to update that's path

Note: Ensure your path is include "" apostrophe and .jar files

1. At first open desktop
2. Save the jar file in desktop
3. Right click jar files and copy files path
4. Right click then show more and in last Create Shortcut
5. Now right click the shortcut files and show more to properties
6. Select Shortcut menu
7. Target option
8. Mentioned previous command where just change this jar files path
9. Apply
10. Now if i double click this shortcut file it will be run smoothly

## Launch4j

★ ★ Main Class ★ ★

packageName.MainClassName

ex. application.Main

★ ★ Classpath javafx jar files ★ ★

javafx.base.jar

javafx.controls.jar

javafx.fxml.jar

javafx.graphics.jar

javafx.media.jar

javafx.swing.jar

javafx.web.jar

javafx-swt.jar

★ ★ JRE ★ ★

**JRE paths:**

C:\Program Files\Java\jdk-23

**Min JRE version:**

17

**JVM options:**

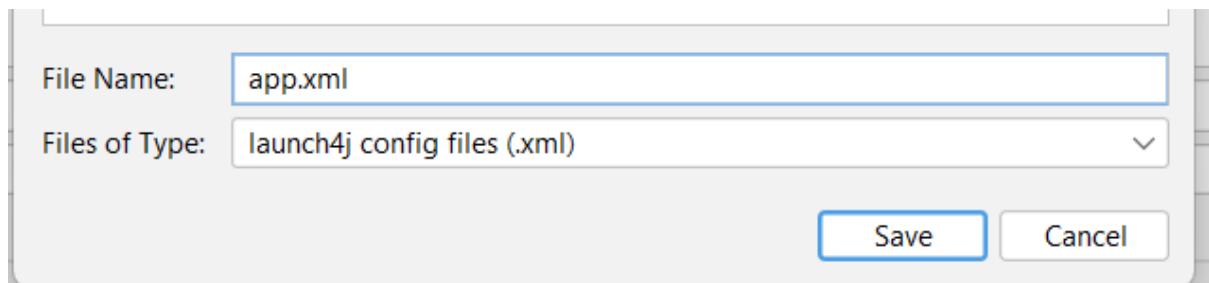
```
--module-path "C:\Users\ASUS\JAVA\javafx-sdk-23.0.1\lib" --add-modules javafx.controls,javafx.fxml,javafx.graphics
```

**Environment var:**

PATH: C:\Program Files\Java\jdk-23\bin

**Note:**

1. After setup all form then click Build Wrapper (settings icon)



2. Save file .xml extension
3. Then click Test Wrapper (Run Icon)

**If you successfully setup your program then it's run smoothly!**

**Final Look is below:**

Launch4j 3.50 - Calculator.xml

Basic Classpath Header Single instance JRE Set env. variables Splash Version Info Messages

\* Output file: C:\Users\ASUS\eclipse-workspace\Calculator7\Calculator.exe

\* Jar: C:\Users\ASUS\eclipse-workspace\Calculator7\Calculator777.jar

Don't wrap the jar, launch only

Wrapper manifest:

Icon: C:\Users\ASUS\OneDrive\Desktop\171352\_calculator\_icon.ico

Change dir: .

Command line args:

Process priority:  Normal  Idle  High

Options  Stay alive after launching a GUI application  
 Restart the application after a crash

Java download and support

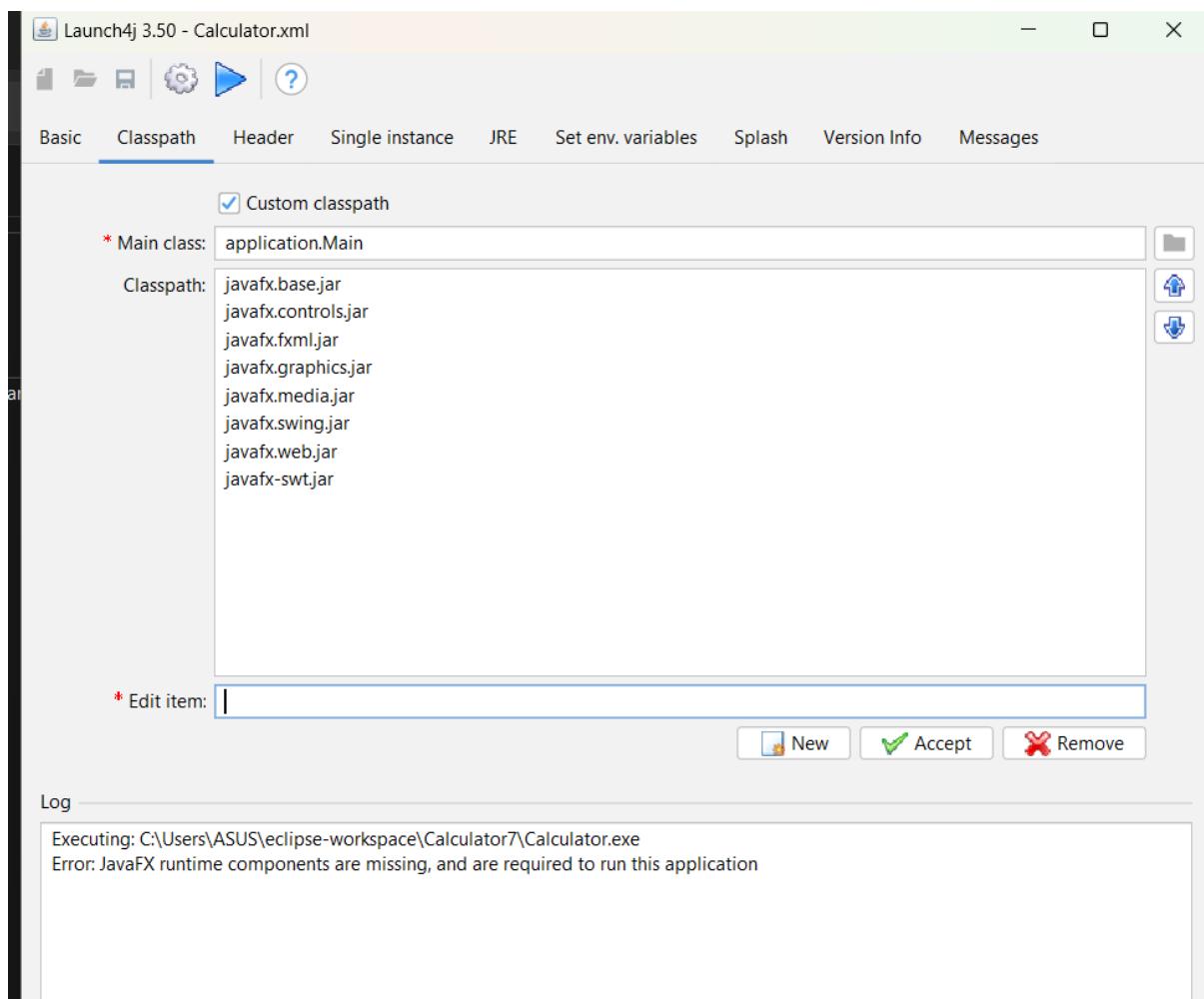
Error title:

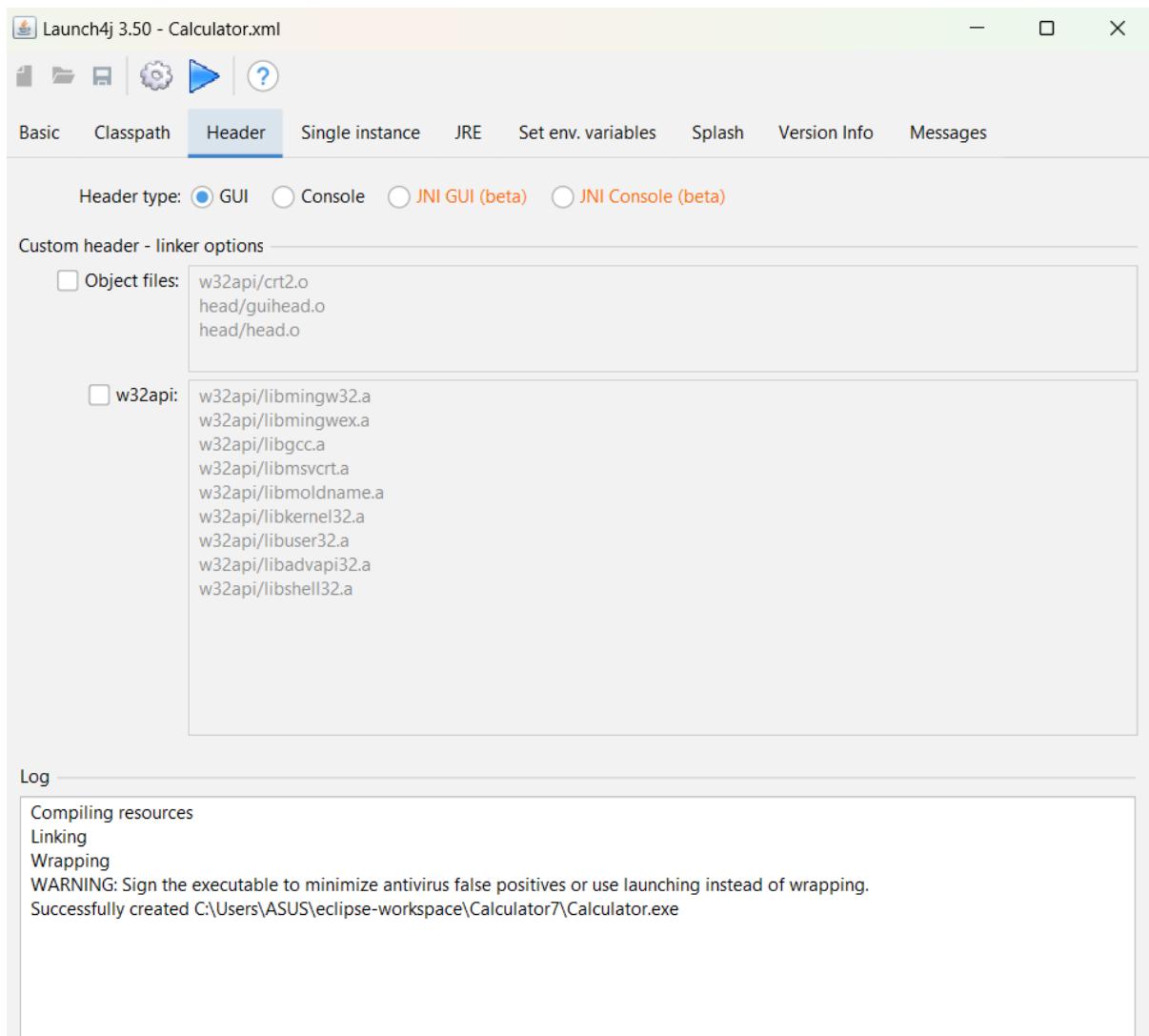
Java download URL:

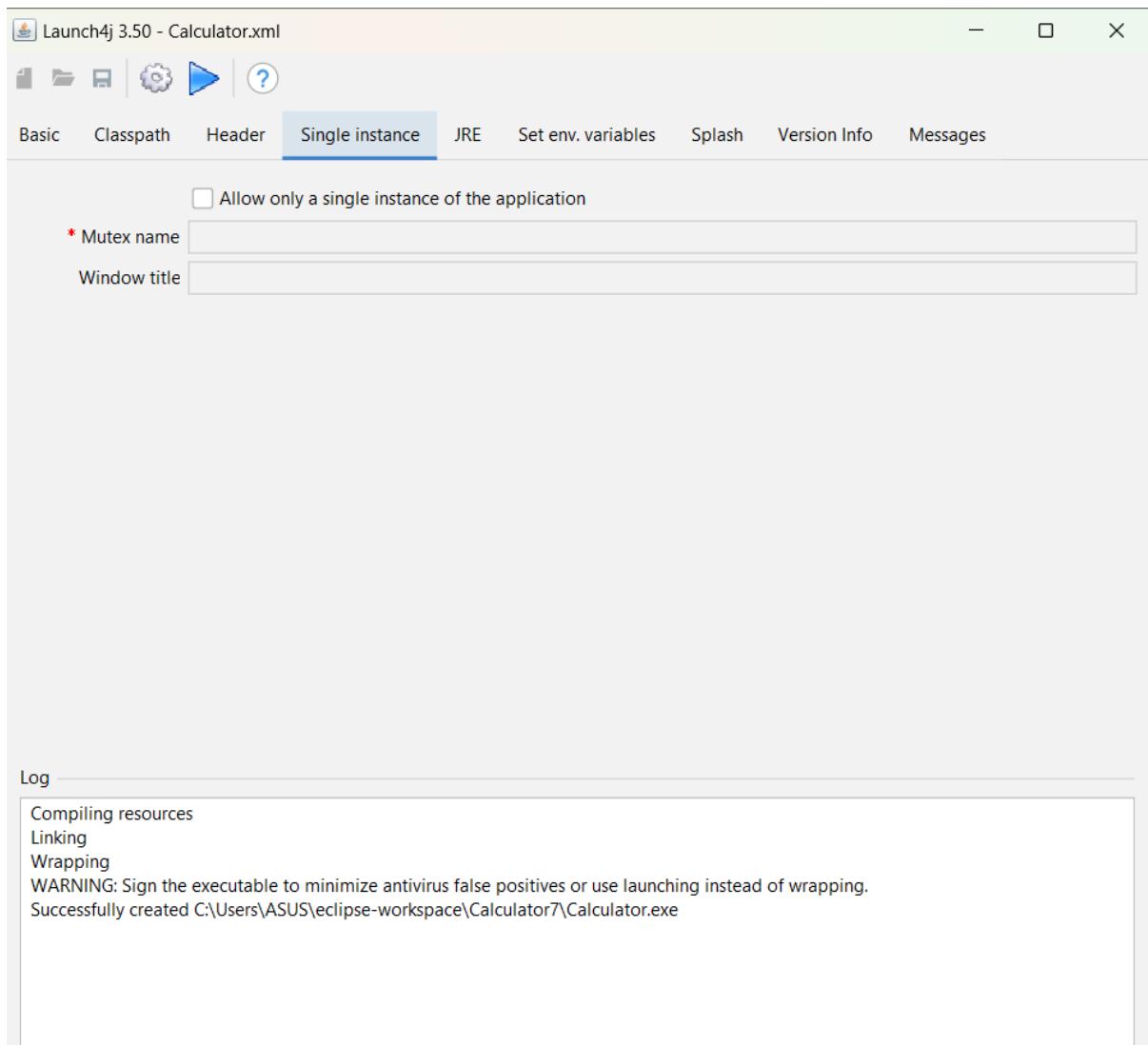
Support URL:

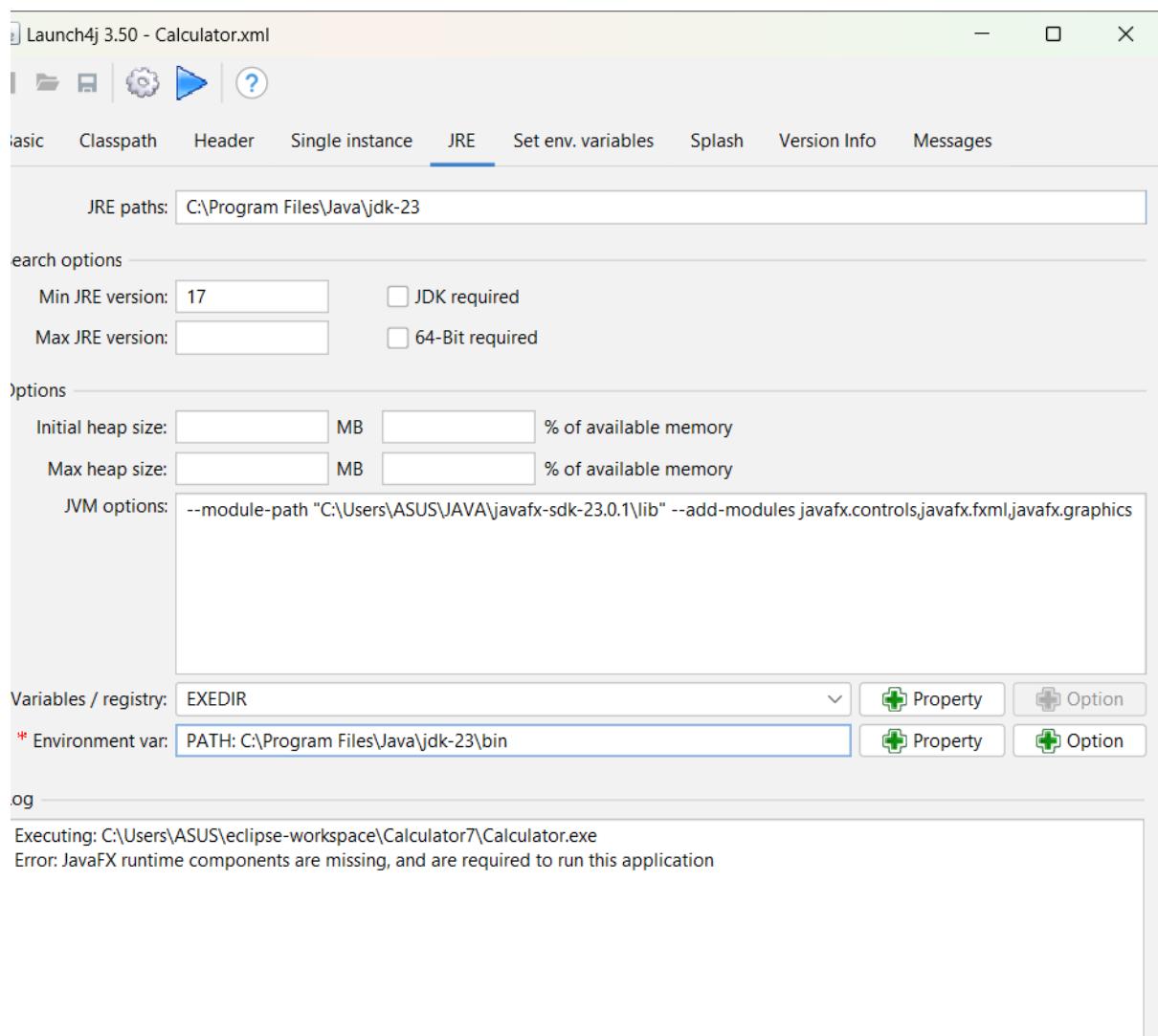
Log

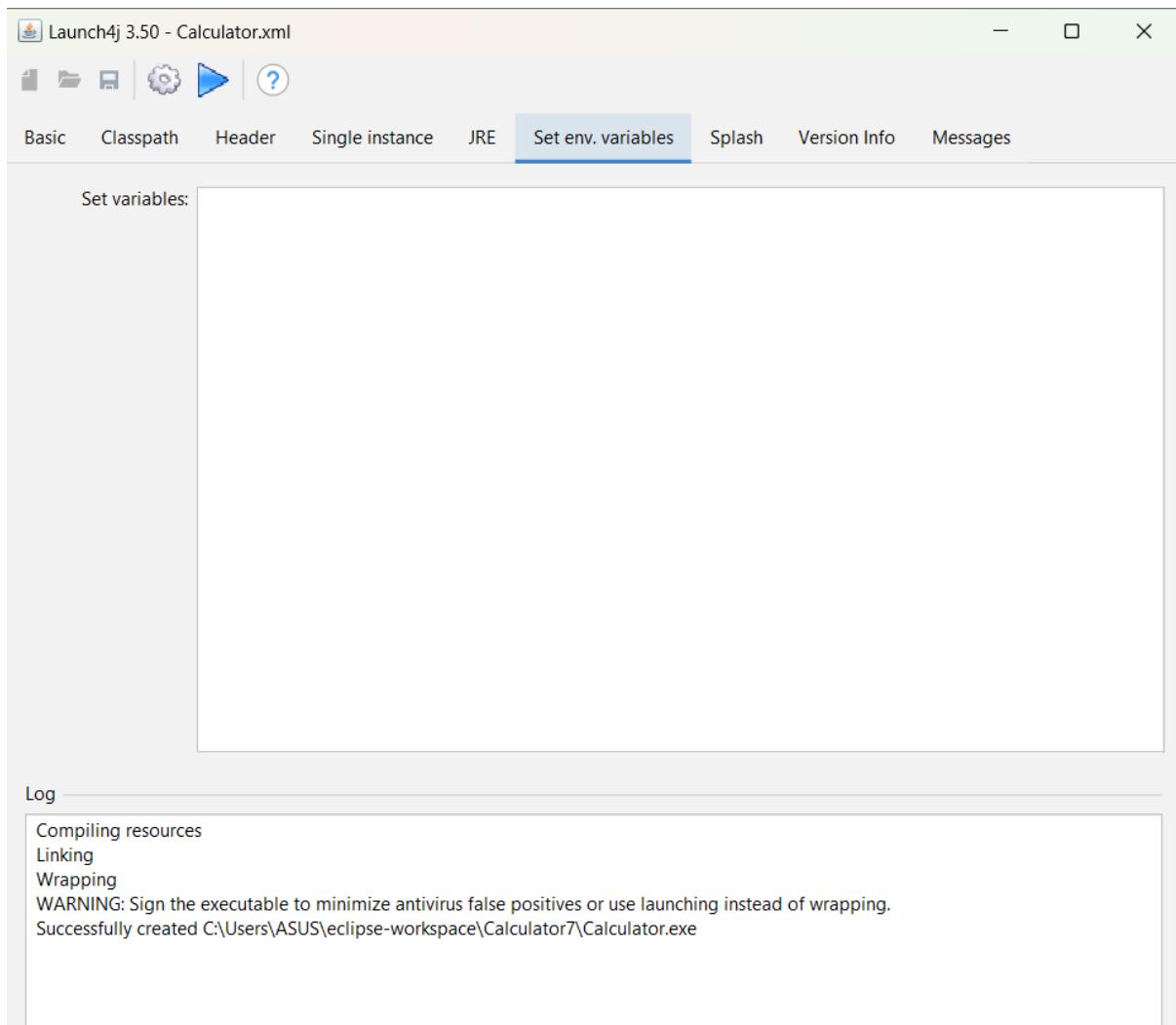
```
Compiling resources
Linking
Wrapping
WARNING: Sign the executable to minimize antivirus false positives or use launching instead of wrapping.
Successfully created C:\Users\ASUS\eclipse-workspace\Calculator7\Calculator.exe
```

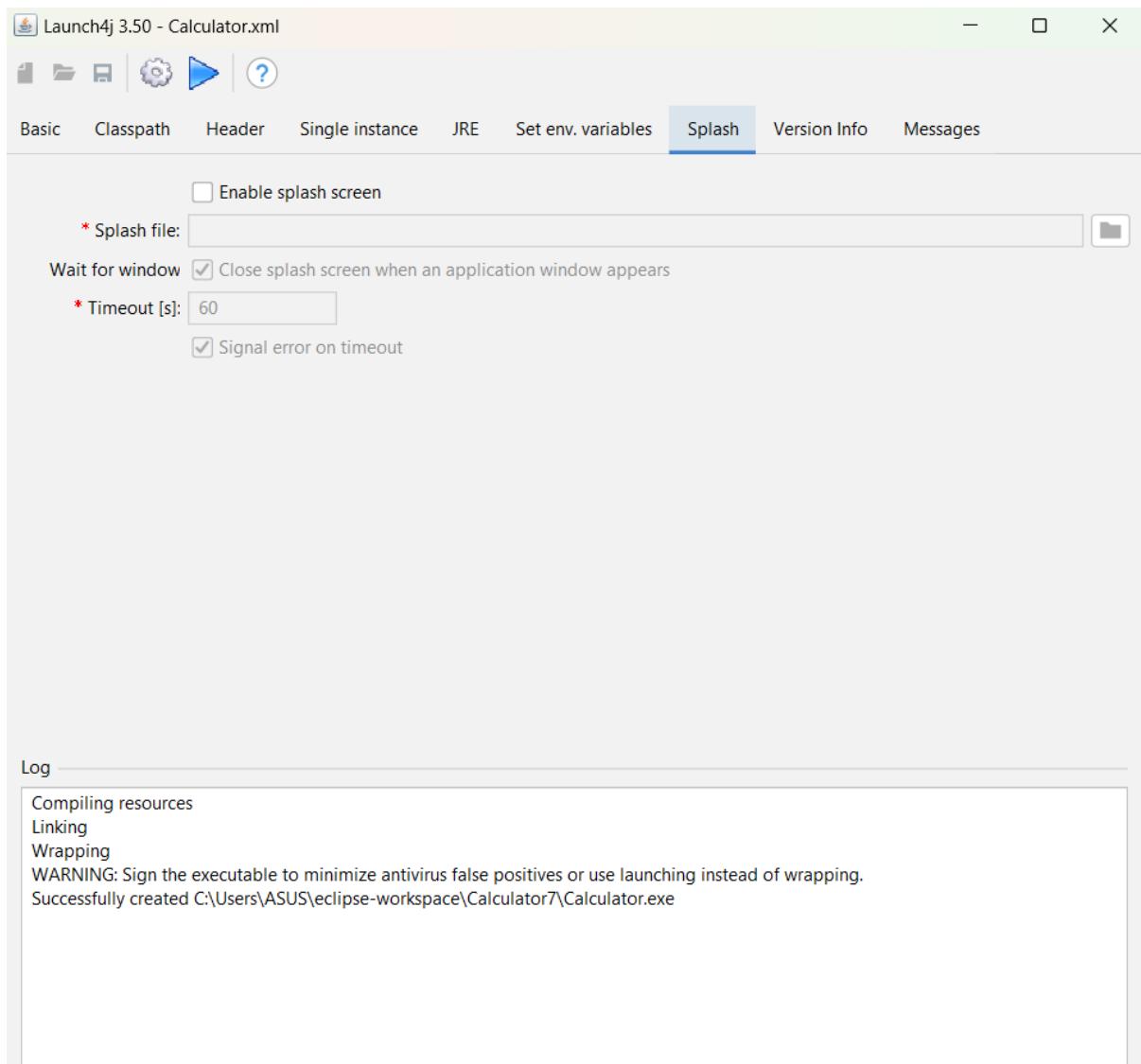












Launch4j 3.50 - Calculator.xml

Basic Classpath Header Single instance JRE Set env. variables Splash Version Info Messages

Add version information

\* File version:  \* Free form:

\* File description:

\* Copyright:

Additional information

\* Product version:  \* Free form:

\* Product name:

Company name:

\* Internal name:

\* Original filename:

Trademarks:

Language: English U.S.

Log

```
Compiling resources
Linking
Wrapping
WARNING: Sign the executable to minimize antivirus false positives or use launching instead of wrapping.
Successfully created C:\Users\ASUS\eclipse-workspace\Calculator7\Calculator.exe
```

Launch4j 3.50 - Calculator.xml

Basic Classpath Header Single instance JRE Set env. variables Splash Version Info **Messages**

Add custom messages

**Startup error:** An error occurred while starting the application.

**JRE error:** This application requires a Java Runtime Environment.

**JRE version error:** This application requires a Java Runtime Environment

**Launcher error:** The registry refers to a nonexistent Java Runtime Environment installation or the runtime is corrupted.

**Inst. already exists:** An application instance is already running.

**Log**

```
Compiling resources
Linking
Wrapping
WARNING: Sign the executable to minimize antivirus false positives or use launching instead of wrapping.
Successfully created C:\Users\ASUS\eclipse-workspace\Calculator7\Calculator.exe
```

