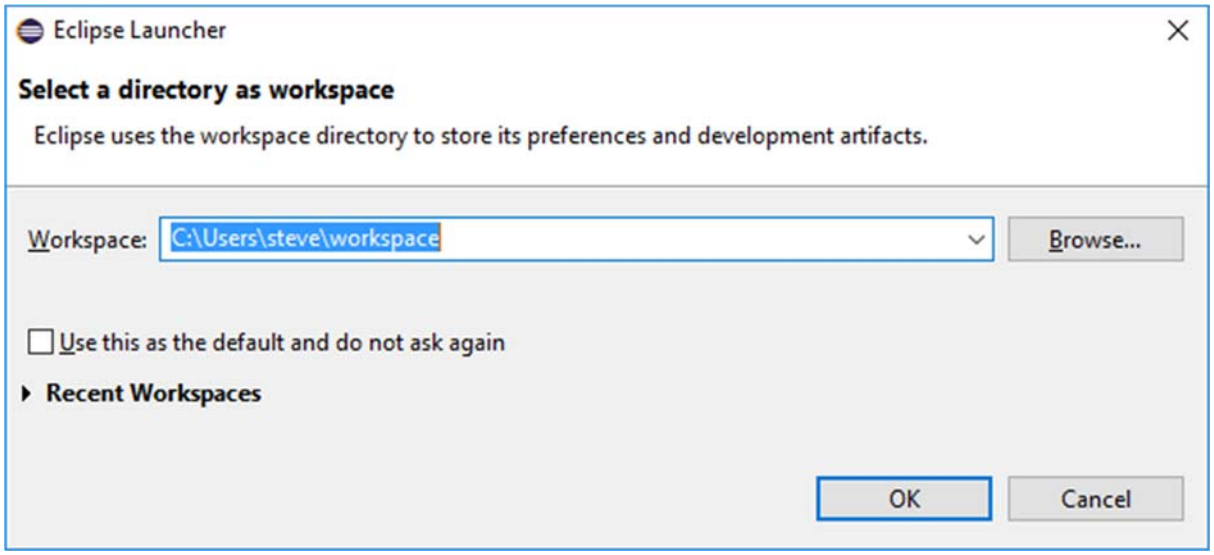
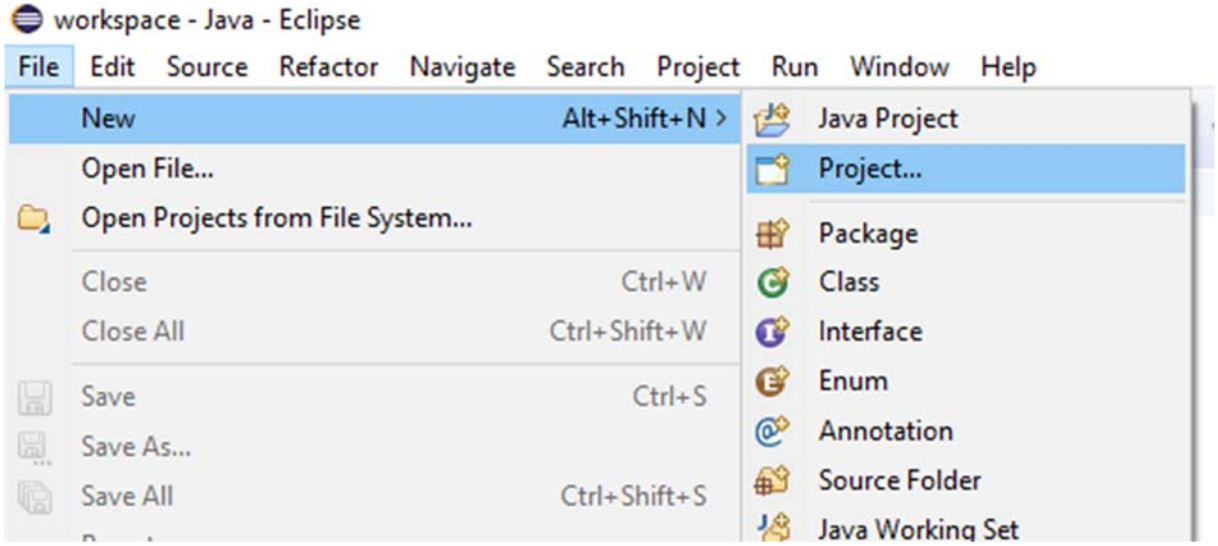
This guide will assist you in setting up the initial project template ready for you to build the project specification upon. Follow the below steps to setup the starting project for the JAVA desktop application.

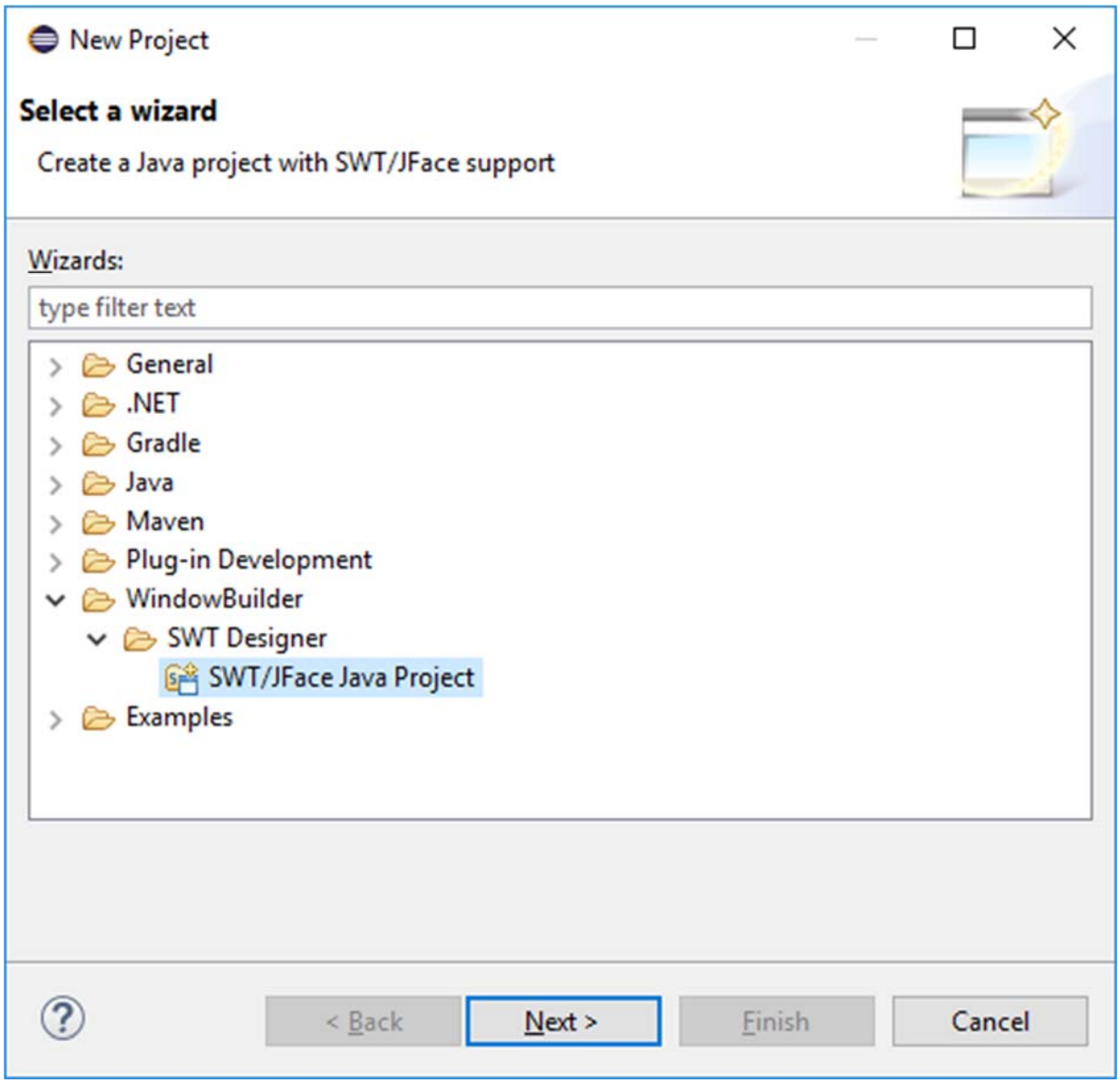
1. Download and install the latest version of eclipse IDE (If not already installed)
2. Open Eclipse launcher
3. Select the location of the workspace, this is usually the default of:
   C:\Users\<Your username>\workspace
   (This is the location of the source files for the project)



4. Create a new project, click File> New>Project as illustrated below:

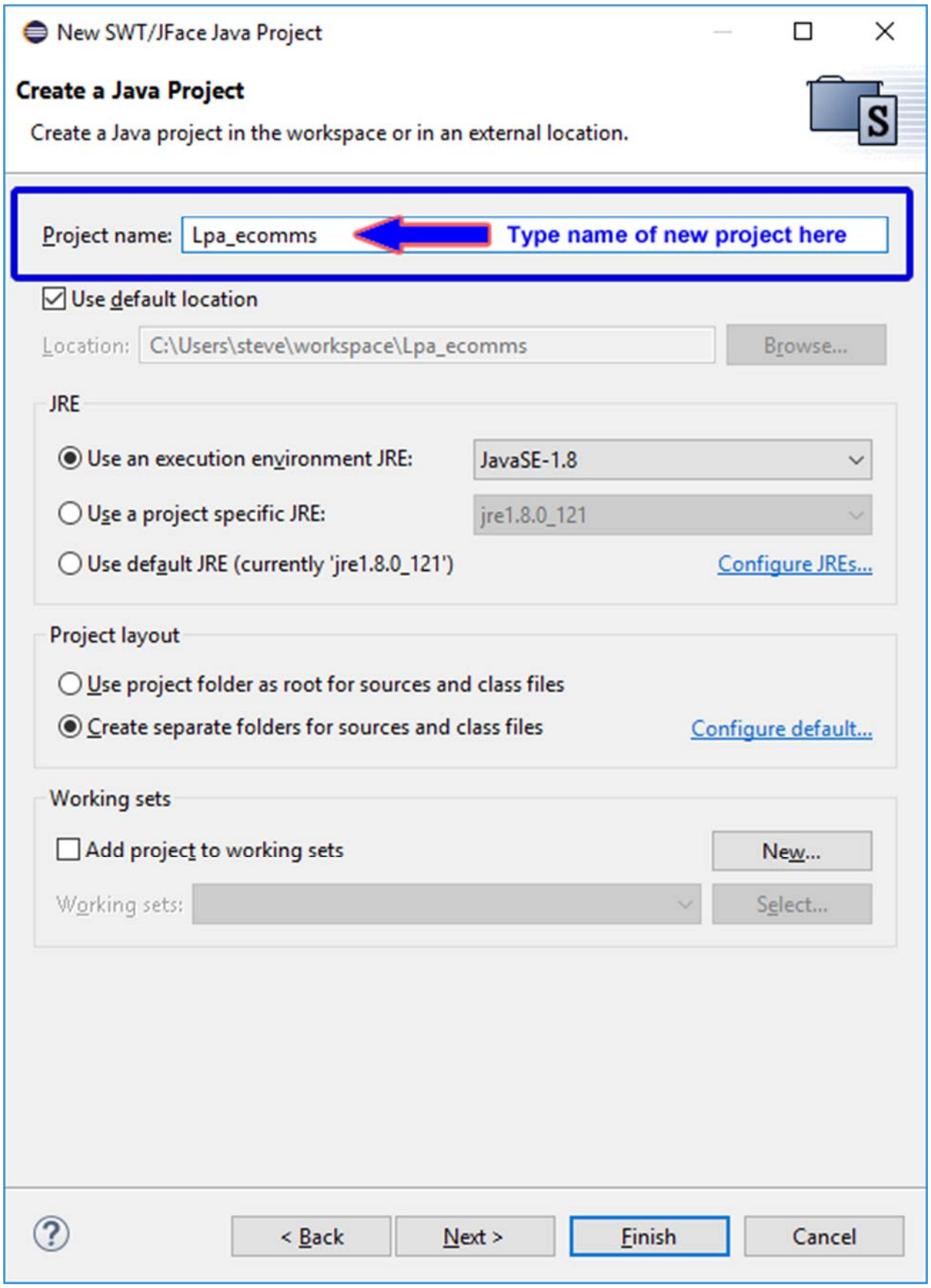


5. The New Project wizard will open, then select WindowBuilder>SWT Designer>SWT/JFace Java Project as illustrated below, then click next:

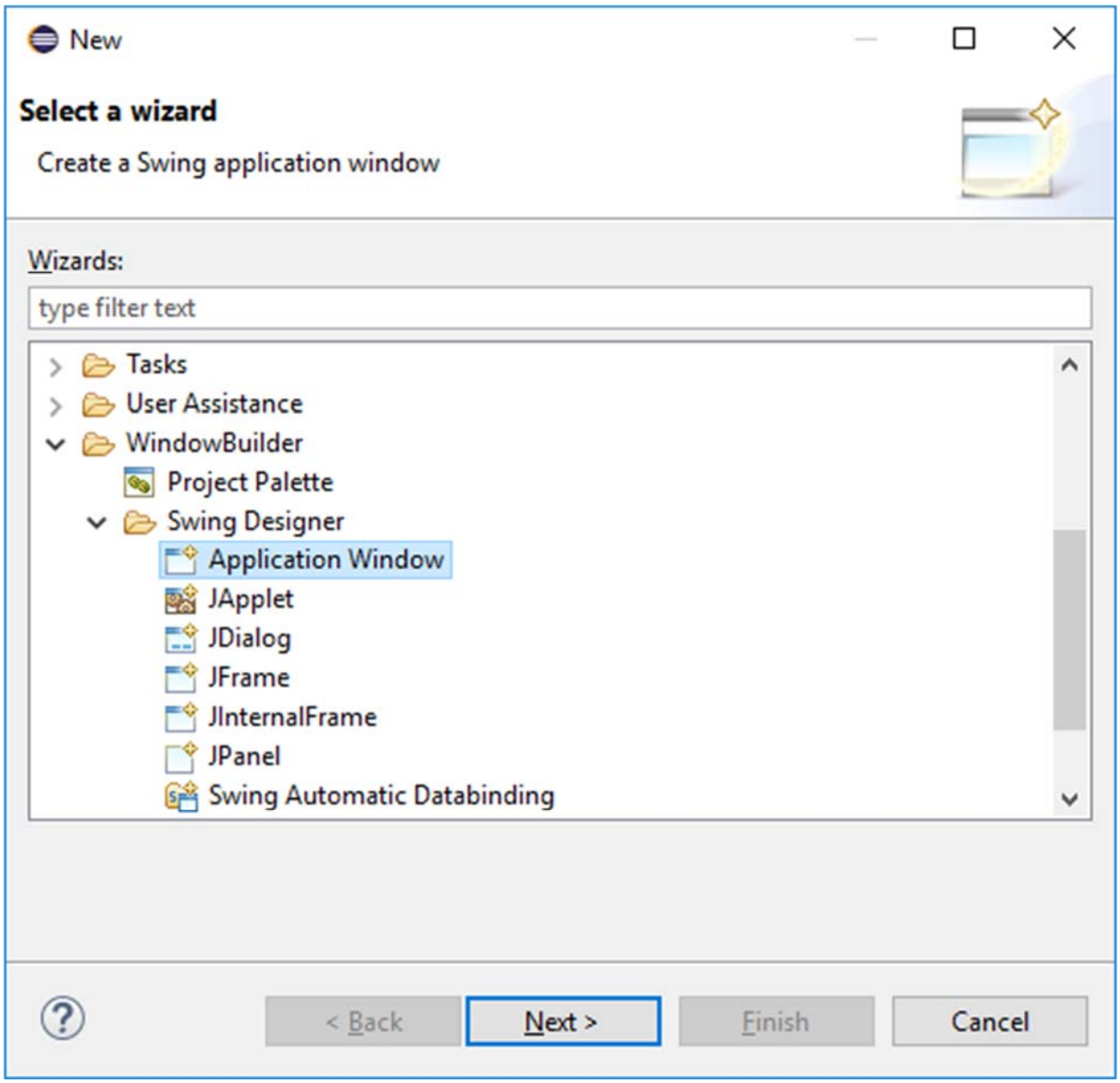


NOTE: if window builder is not showing in your list, you will need to install it. See Window builder installation instructions for help with installing WindowBuilder for eclipse.

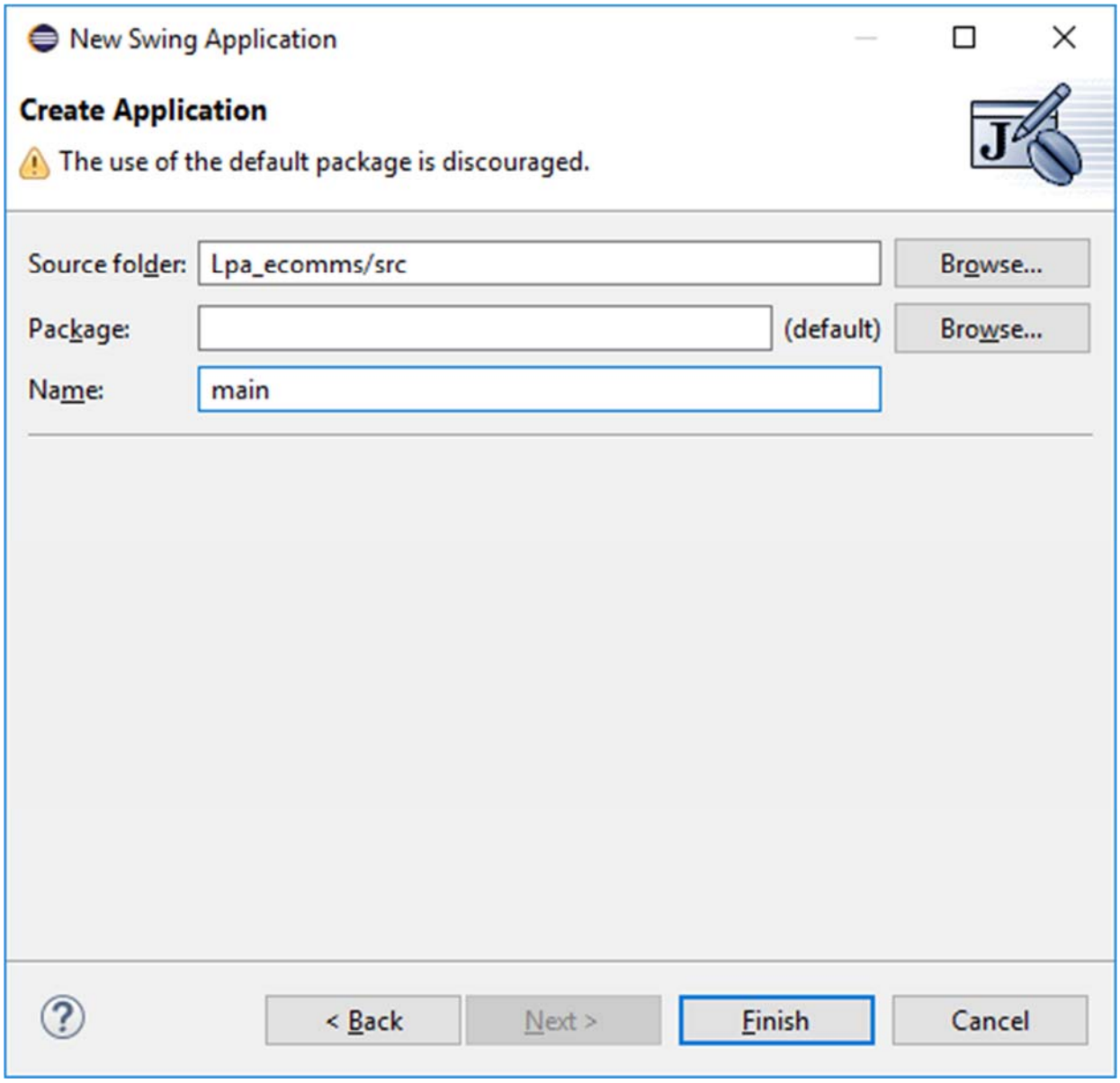
6. Type the name of the project into the Project Name field at the top of the dialog, then click finish.



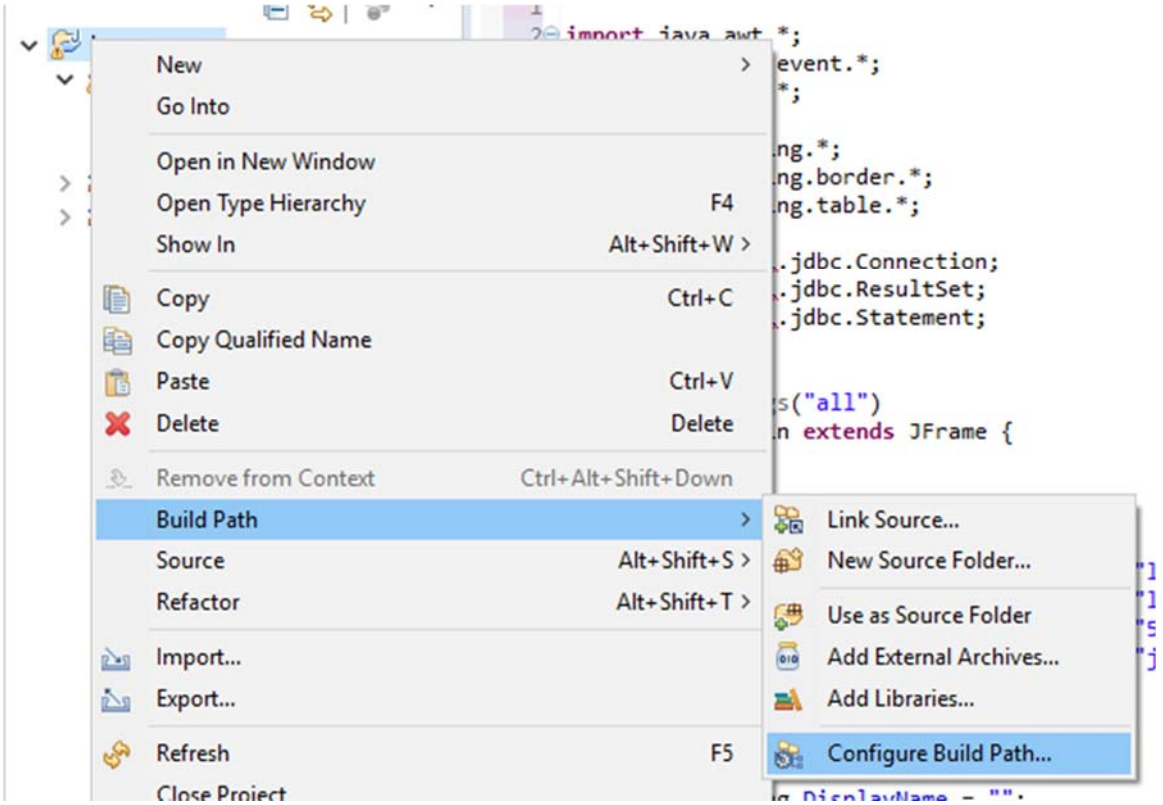
7. Create the application window, hold CTRL then press the N key (CTRL+N), select: WindowBuilder>Swing Designer>Application Window, then click next.



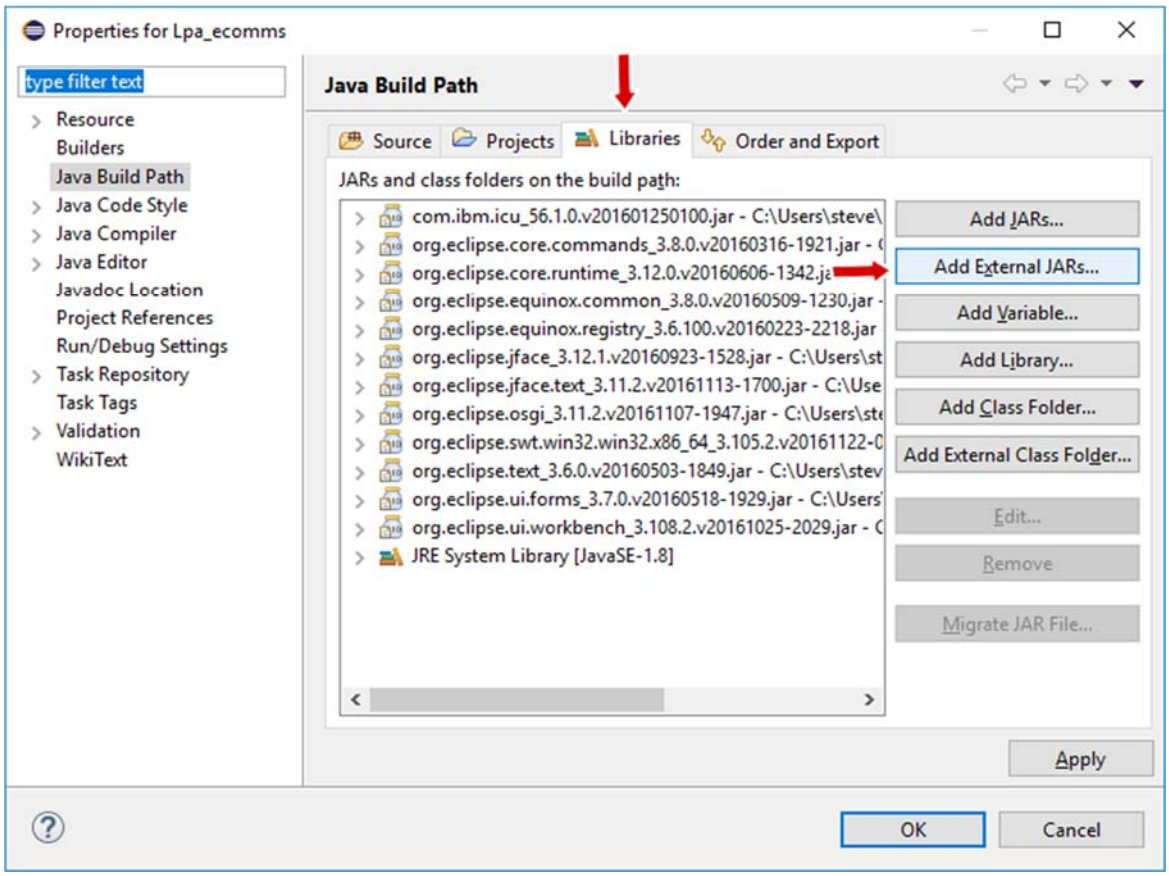
8. Type main in the name field then click finish.



9. Open **main.java** in the editor window then select all code by holding down the control key and press the **A** key (CTRL+A). All text should now be selected, press the Delete key to clear all code in the editor window.
10. Copy and paste the code from main.java.txt, found in the java project template package from edRES, into the main.java tab in the eclipse editor.
11. Install the external MySQL connection library, found in the java project template package from edRES, into the workspace root directory of your project by extracting the ext-lib folder from the archive. This is usually C:\Users\<Your username> \workspace\Lpa_ecomms
12. Add the MySQL external libraries to the project build path, right click on the project name in the package explorer, then select Build Path > Configure Build Path



13. In the properties dialog, click the Libraries tab then click Add External JAR's button. Navigate to the ext-lib folder and select **mysql-connector-java-3.0.17-ga-bin.jar**, then click OK.



The project should now compile and run.