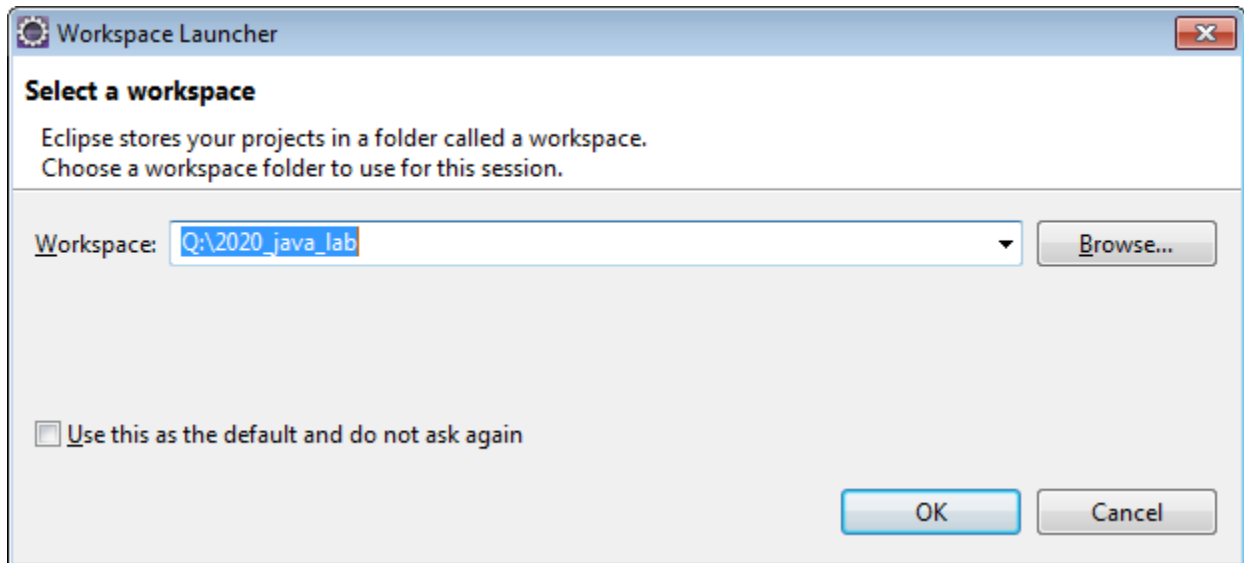


How to set up Eclipse to connect to the database

1. Start Eclipse
2. When prompted to select a workspace, type **Z:\2020_java_lab** (note: the example shows the Q drive but you need to use the Z drive)
3. Make sure that *Use this as the default and do not ask again* is **unchecked**
4. Click **OK**



5. In Eclipse, click **File, New, Java Project**
6. Give your project a name (the example below is PracticeProject)
7. Click **Next**. Do NOT click Finish!

New Java Project

Create a Java project in the workspace or in an external location.

Project name:

☒ Use default location

Location:

JRE

☒ Use an execution environment JRE:

☐ Use a project specific JRE:

☐ Use default JRE (currently 'jre7') [Configure JREs...](#)

Project layout

☐ Use project folder as root for sources and class files

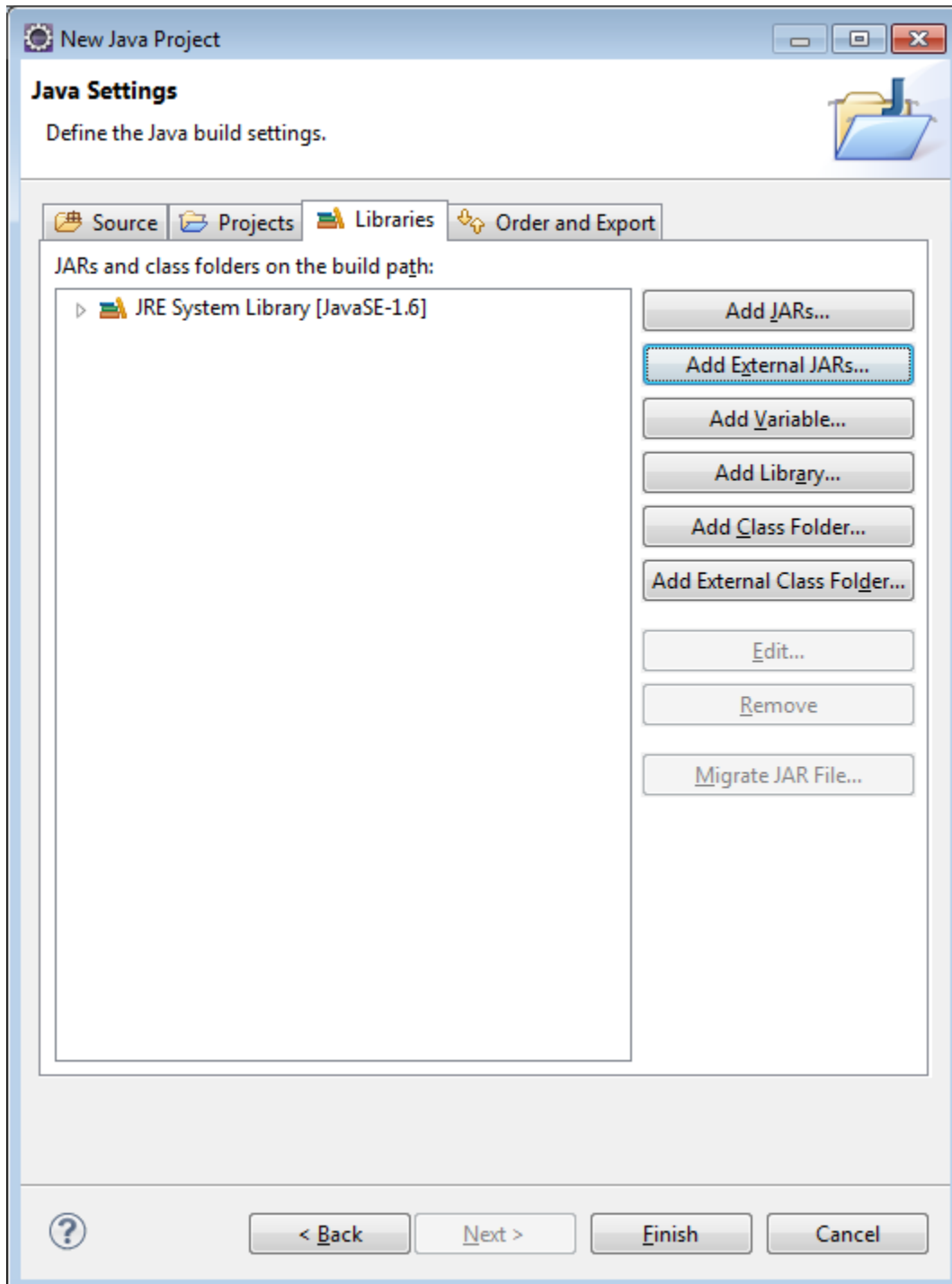
☒ Create separate folders for sources and class files [Configure default...](#)

Working sets

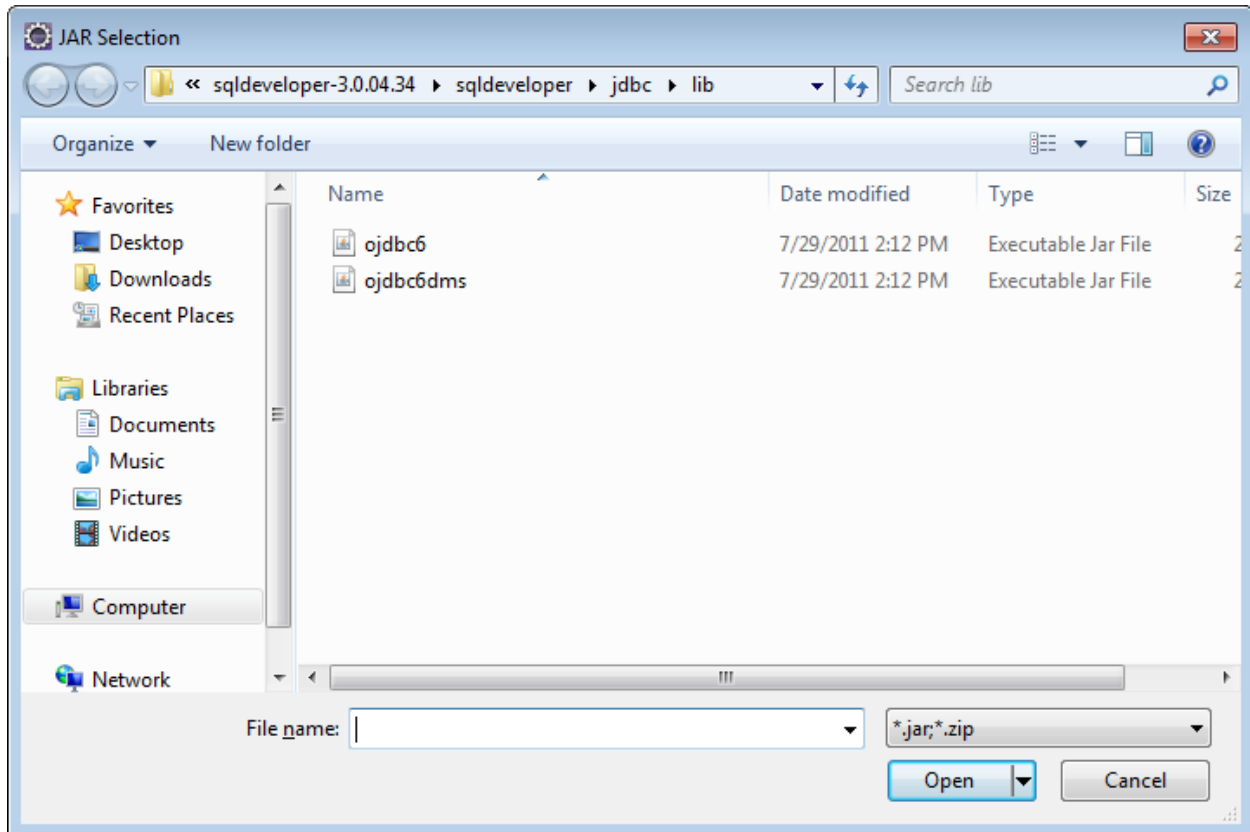
☐ Add project to working sets

Working sets:

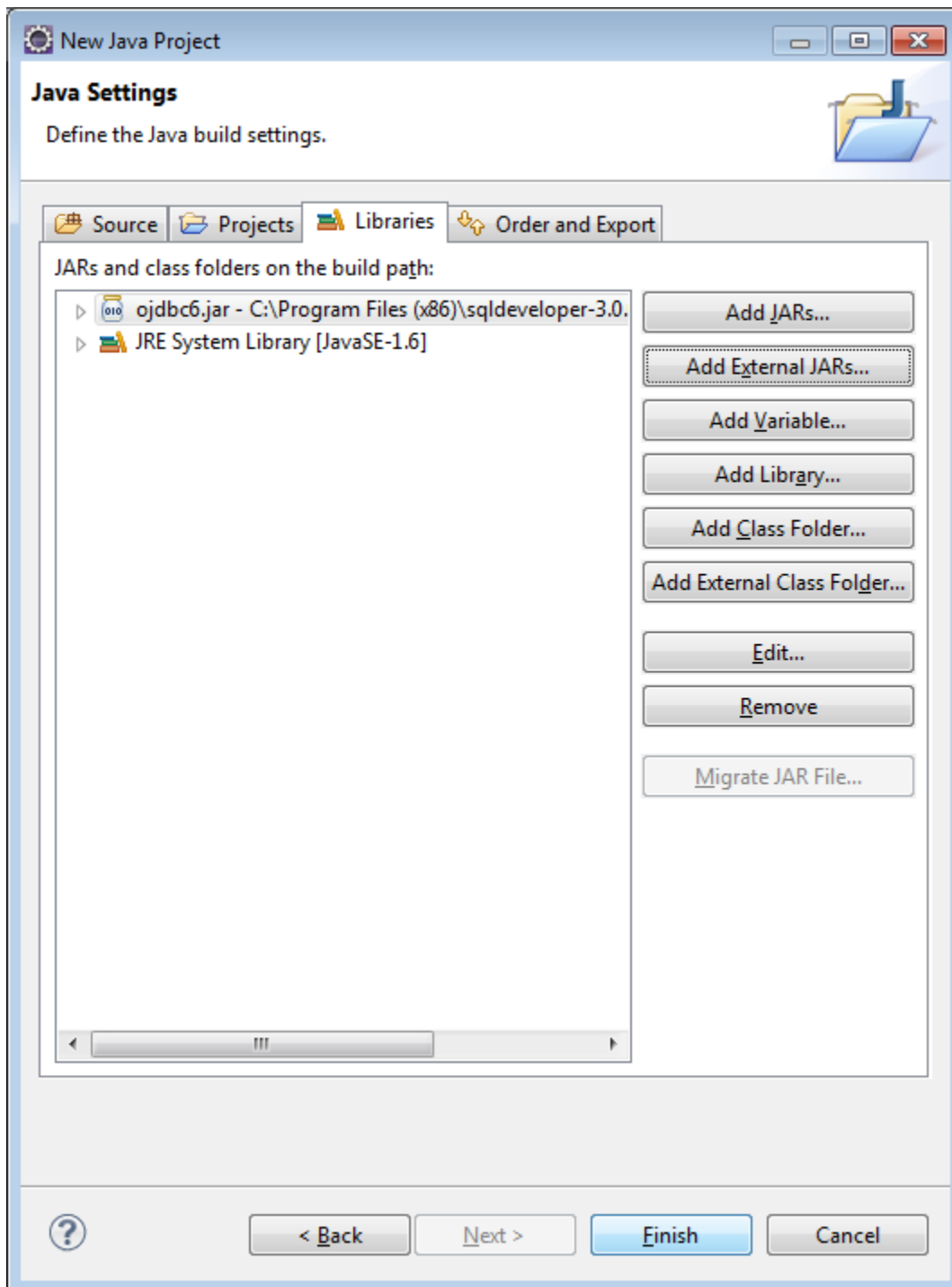
8. You will now be in Java Settings. Click the **Libraries Tab**
9. Click **Add External JARs...**



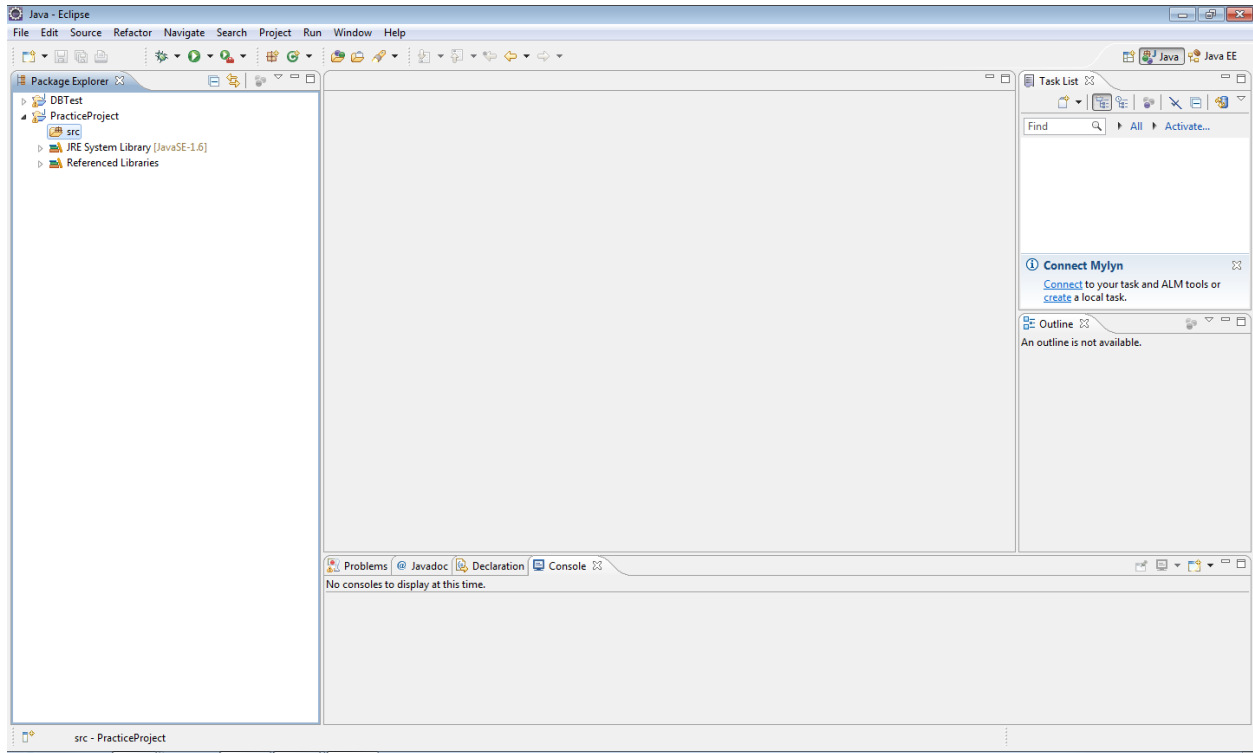
10. Navigate to the **ojdbc6.jar** file
(on the lab machines, it should be located in C:\Program Files (x86)\sqldeveloper-3.0.04.34\sqldeveloper\jdbc\lib\ojdbc6.jar)
11. Select **ojdbc6**
12. Click **Open**



13. You should now see **ojdbc6.jar** listed in the libraries
14. Click **Finish**



15. Expand the Project
16. Right-click on **src**
17. Click **New, Class**



18. Give the class a name (I used Example1)

19. Click **Finish**

New Java Class

The use of the default package is discouraged.

Source folder:

Package:

☐ Enclosing type:

Name:

Modifiers: ☒ public ☐ default ☐ private ☐ protected
☐ abstract ☐ final ☐ static

Superclass:

Interfaces:

Which method stubs would you like to create?

☐ public static void main(String[] args)

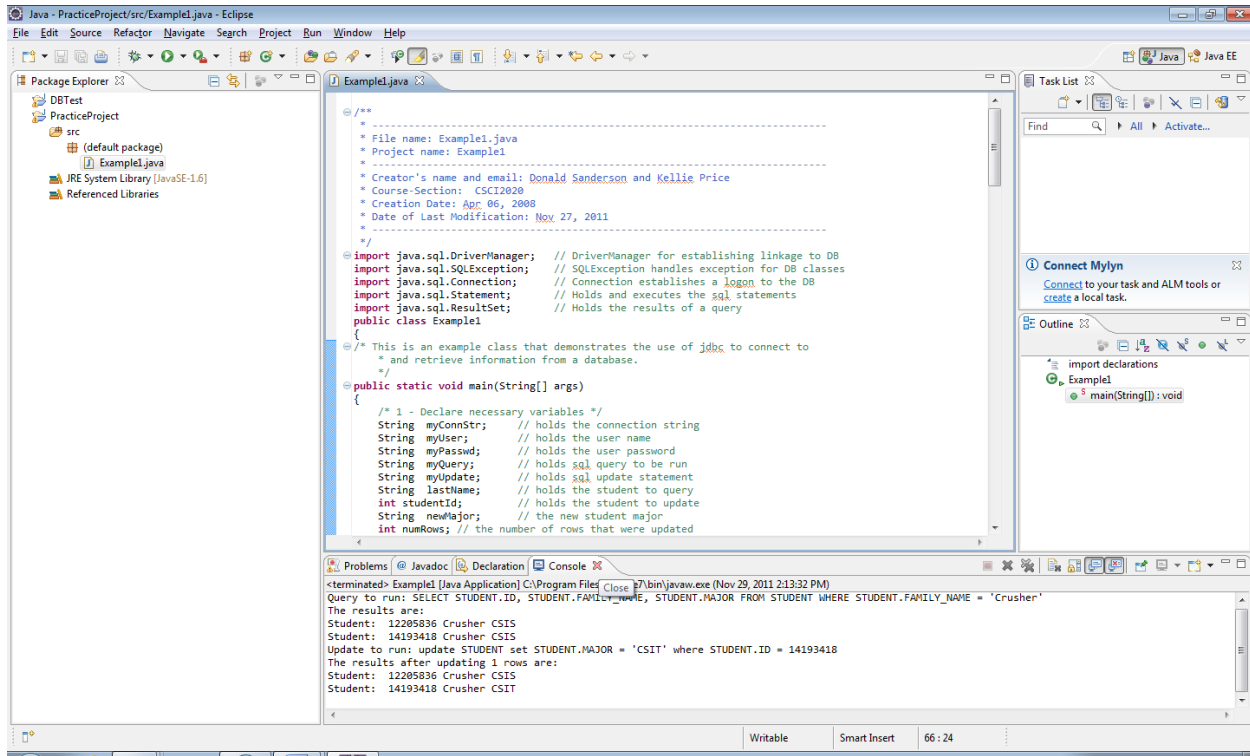
☐ Constructors from superclass

☒ Inherited abstract methods

Do you want to add comments? (Configure templates and default value [here](#))

☐ Generate comments

20. You are now ready to write and execute your code! 😊



NOTE: If you did not add the ojdbc6.jar file to your libraries when creating the Project, you will need to do the following...

1. Right click on the Project
2. Click Properties
3. Click Java Build Path
4. Click Libraries
5. Complete steps 9-14 from above