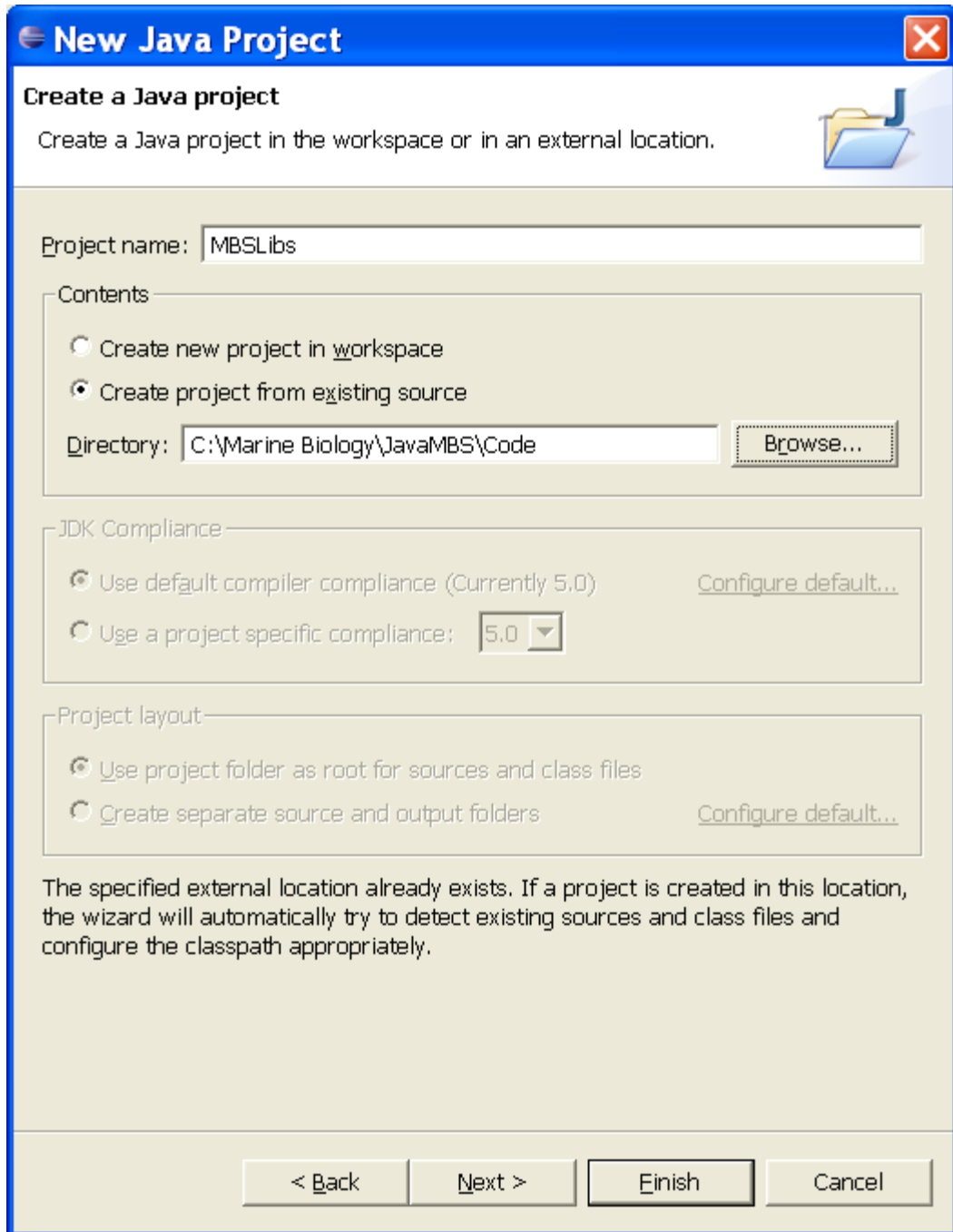


The first thing you must do is create a special Eclipse project whose sole purpose is to be the basis for all of your Case Study projects.

- 1) Start Eclipse, then select **File → New Project**.
- 2) Select **Java Project**, then Next>
- 3) In the New Java Project window, name your project. (MBSLibs is a good name to choose.) Click on **Create Project from existing source**. Set the directory to the path that gets you to the case study code. (This depends on where you put the case study during its installation.) You can use Browse to navigate.

Here is the path that I used:

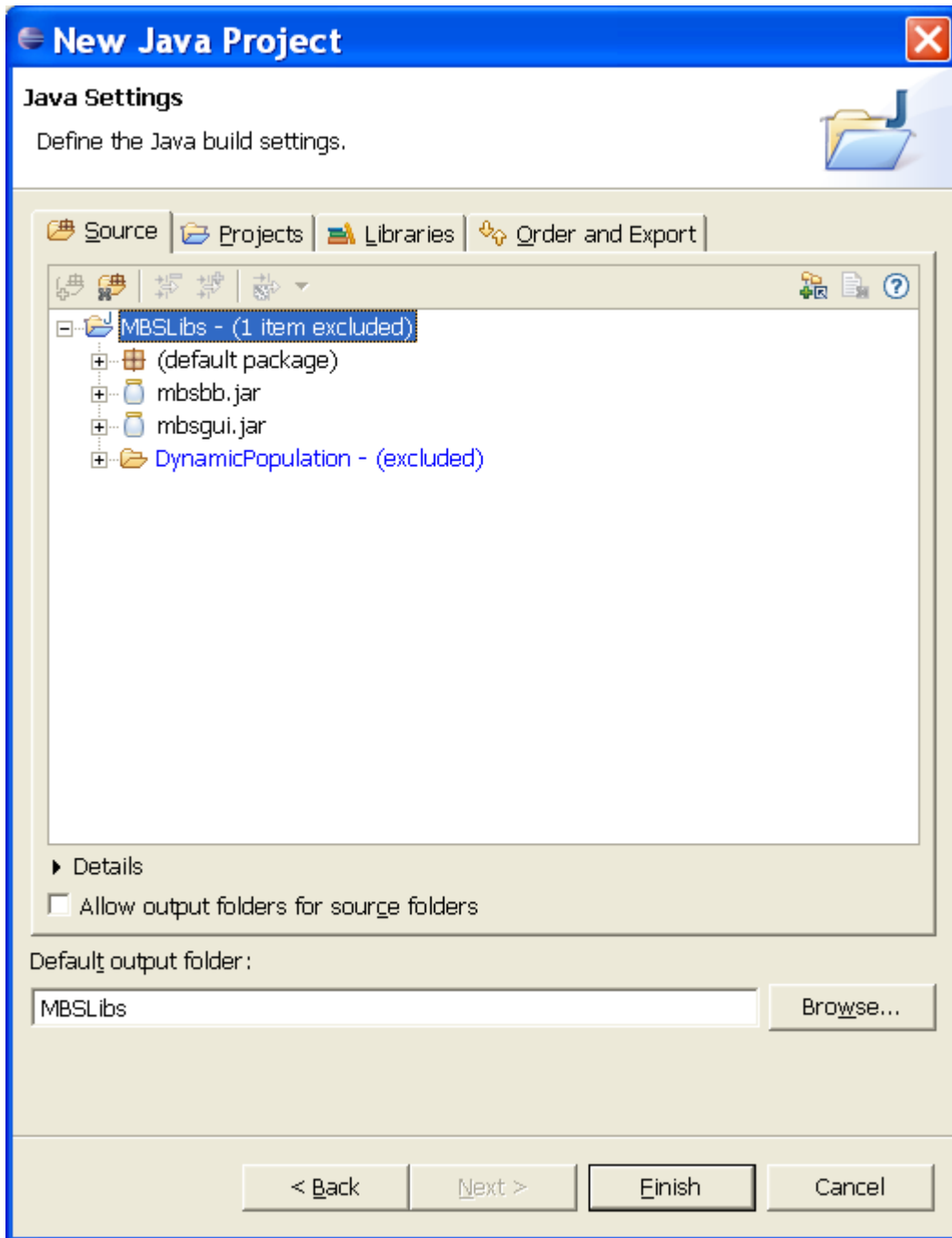
c:\Marine Biology\JavaMBS\Code



Click Next> . **NB. Do not select Finish by mistake!**

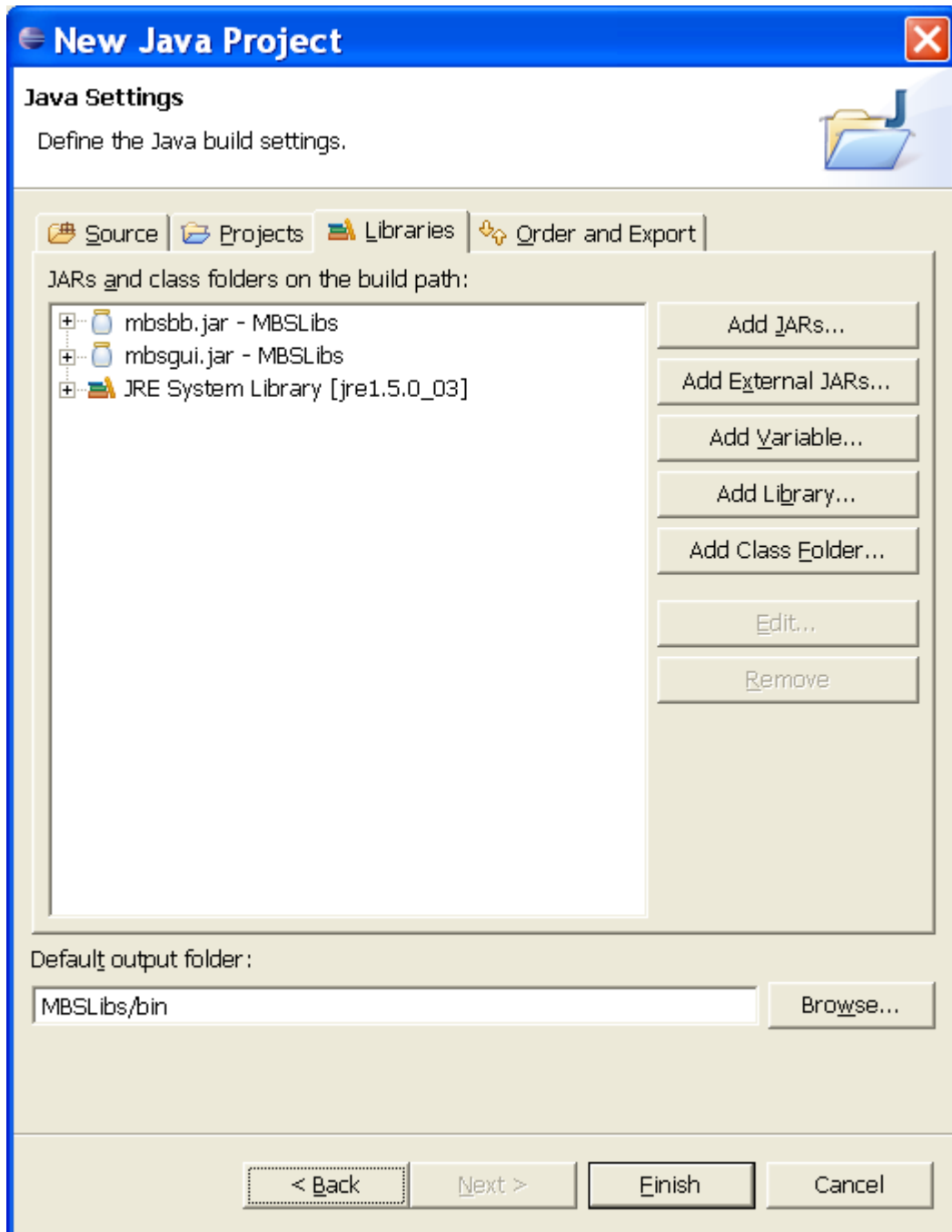
Click on the **Source** tab: Open MBSLibs and right click on **Dynamic Populations**. Select

Exclude.



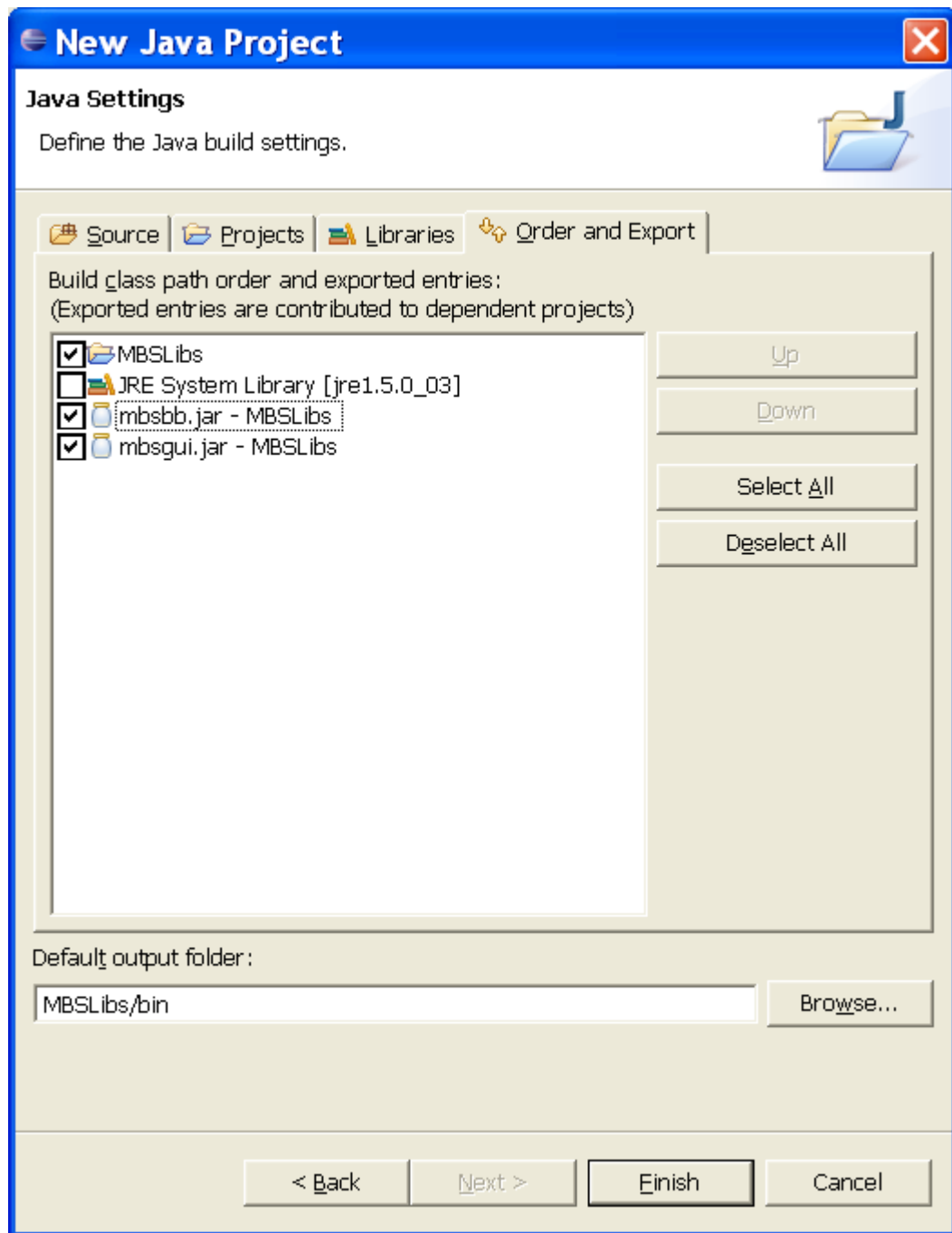
4) Click on the **Libraries** tab:

Click the **Add JARS** button. A JAR Selection window will appear. Click on the + to the left of MBSLibs, select both mbsbb.jar and mbsgui.jar, then OK.



5) Click on the **Order and Export** tab: Check both mbsbb.jar and

mbsgui.jar then Finish .



You should now see the project MBSLibs in your workspace.

Note: This project will never be run or modified. It will be used as a source for all of your Case Study programs.

You are now ready to make a Marine Biology Case Study Project: Follow these steps for each new project that you want to run. You would make a new project in each of the following cases:

- for running each of the simple demos (SimpleMBSDemo1.java, and SimpleMBSDemo2.java)
 - for experimenting with the GUI program (MBSGUI.java)
 - whenever you make a change to any of the files (eg. to change Fish.java).
- 1) Make sure that MBSLibs is open in your workspace.
 - 2) Select **File** → **New Project**, then select **Java Project**, then Next>.
 - 3) Name your project, then select Next>. **NB: Please note that this is different from regular projects. Do not select Finish by mistake!**
 - 4) Click the **Projects** tab. Click **Add**. Check MBSLibs, click OK, then Finish. Your project should now appear in the Package Explorer window.
 - 5) You now need to add the Case Study files that are specific to your current project. You will need the class with the main method (such as MBSGUI.java, or SimpleMBSDemo1.java, or SimpleMBSDemo2.java,) and any classes that you plan to modify, (like Fish.java in later stages of the case study). To get these files, simply copy them from your MBSLibs project, and paste them into your current project. These should now appear in a default package for your current project.
 - 6) You are now ready to create a run configuration as for your previous projects. Be sure that you type the correct name for the class that has the main method!