My Settings: Windows 7 \* 64 bit, Eclipse (64\*bit jre and 32\*bit jre), jxl api, MS Access 2007

Steps you need to take to make this program work:

1. You need to download Eclipse for Java
2. You need to install both 32 bit jdk and jre from Oracle (if you already have the 64 bit version)
3. Add respective paths for the jre and jdk bin folders to environment variables (if you haven’t done already)
4. First, you need create a 32bit jre environment in menu windows/preferences/java/installed jres. Then, you can create a java project and select 32bit jre environment because MS 2007 (the one I have used as a Database is a 32 bit Application, not 64 bit)
5. You need to download the jxl jar file (you can look it up on google) and import it into the project

Here’s how you do that: Create a folder called Lib (Right Click on the Project’s name in the workspace, select New, select Folder) 🡪 Right click on the “Lib” folder, select Import. A new window will pop up, select General, then select File System, click Next. 🡪 An new window pops up, in the select directory, go to the directory where you’re jxl jar file is. And import that. 🡪 Click Finish. 🡪 Now the jar file is going to be in the Lib folder. Right click on the jar file, select ‘Build Path’; select ‘Configure Build Path’. A new ‘Referenced Library’ folder will be created with your jxl jar file in it.

1. You need to download drivers for MS Access 2007 on the msdn website (you can google it up)
2. Create a database by Going to Start 🡪 Run 🡪 Type “c:\windows\sysWOW64\odbcad32.exe” (without the apostrophe’s).

The ODBC Data Source Administrator window opens up. Select System DNS, Click Add, a new window pops up. Make sure you select the driver “Microsoft Access Drive (\*.mdb)”. Another window will now open up. Enter whatever name you want for the DSN, I chose ‘MyDSN’, then select Create. Another windows pops up. In that window, type in the Database Name, (again I chose ‘MyDSN.mdb’), choose the folder where you’re eclipse project is in the directories area. Now select ok, you’ll get a confirmation message that the Database was created successfully. To check, you can go to your eclipse project’s path, you’ll see an Access Database by the name ‘MyDSN.mdb’ set up (If you chose MyDSN as the name.)

1. Now, you’re all set, just copy the three files “TestRead.java”, “DataBaseConnect.java”, and “ReadAndInsert.java” into the project’s source folder.

ENJOY ☺