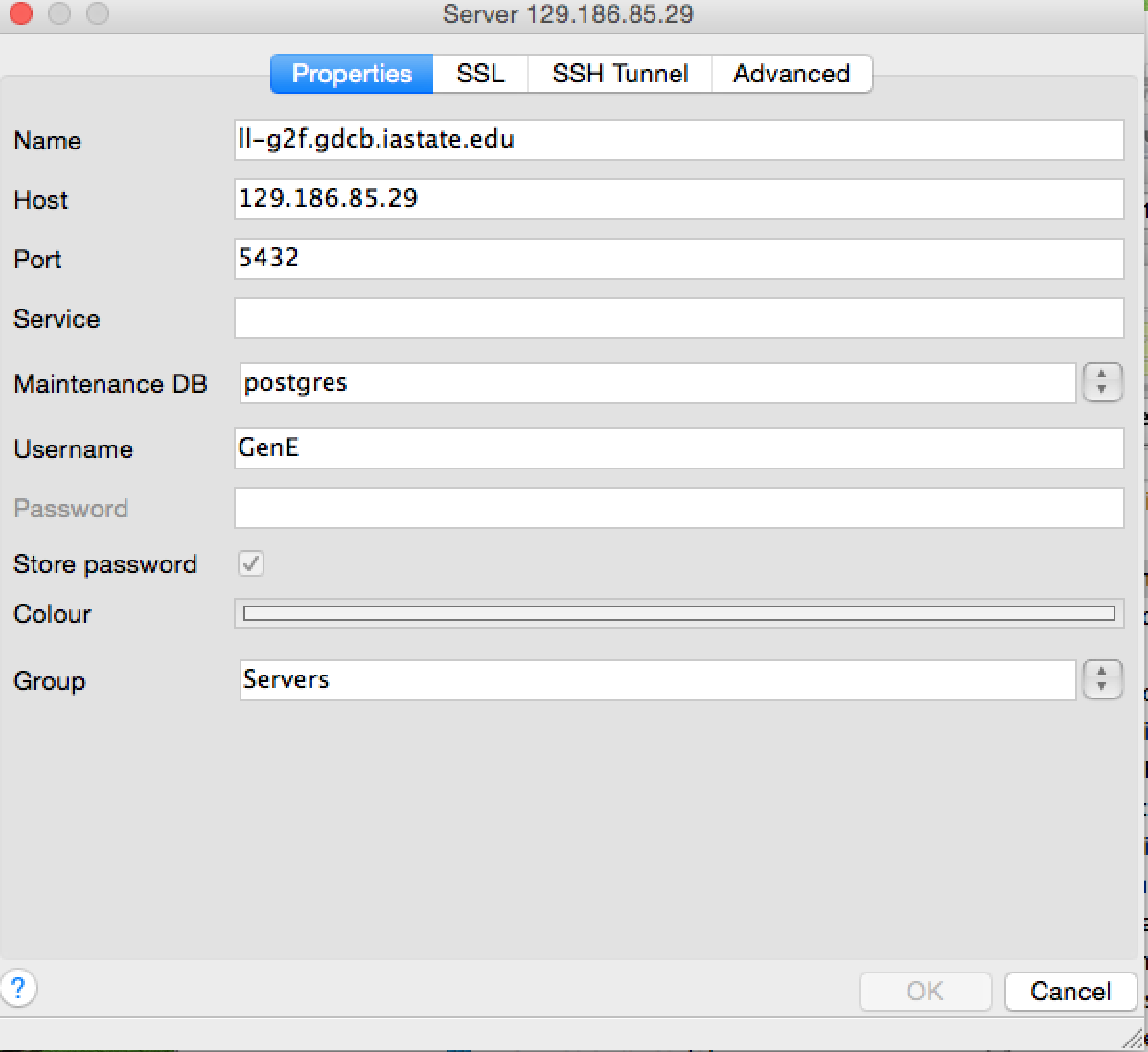
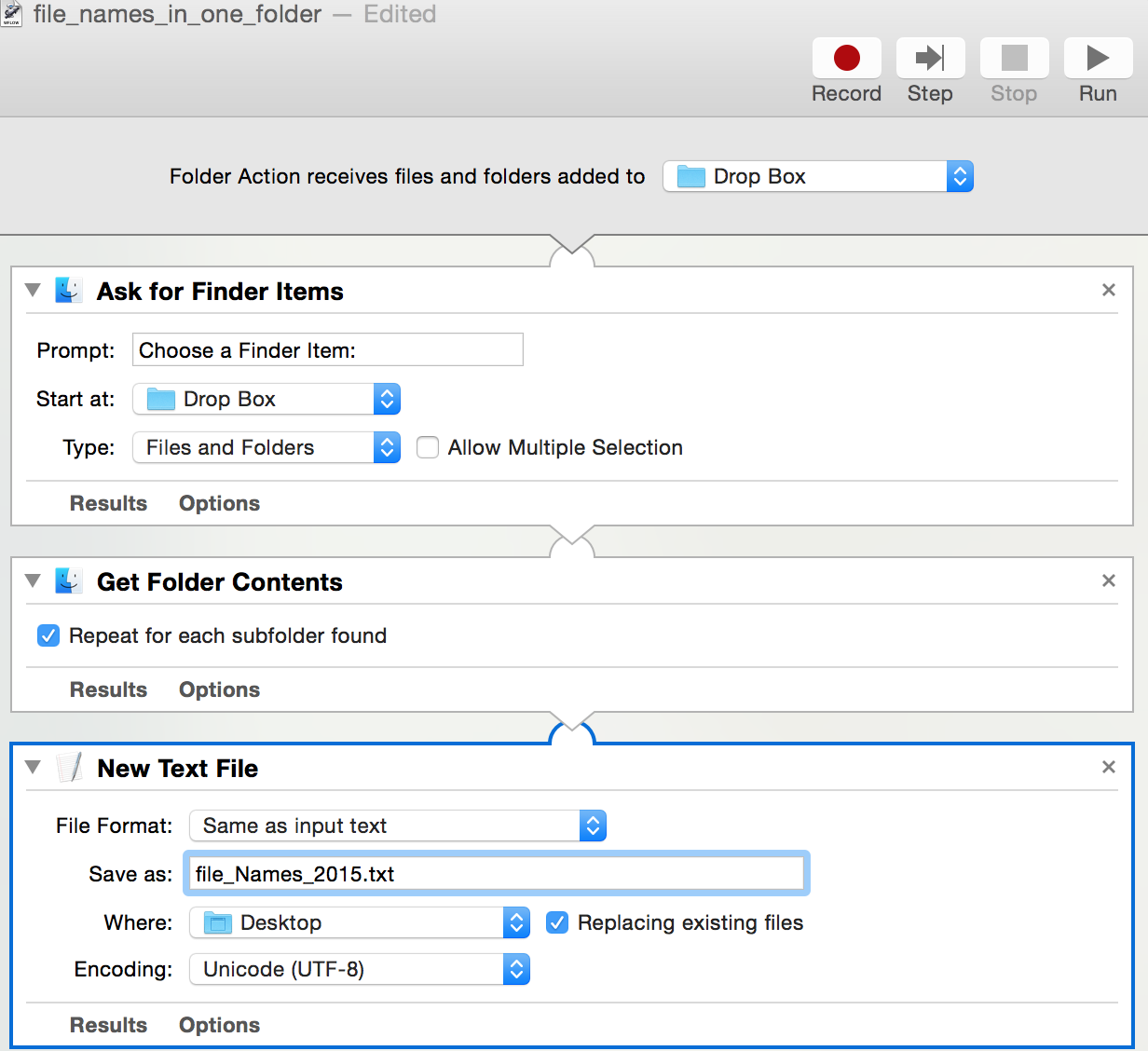
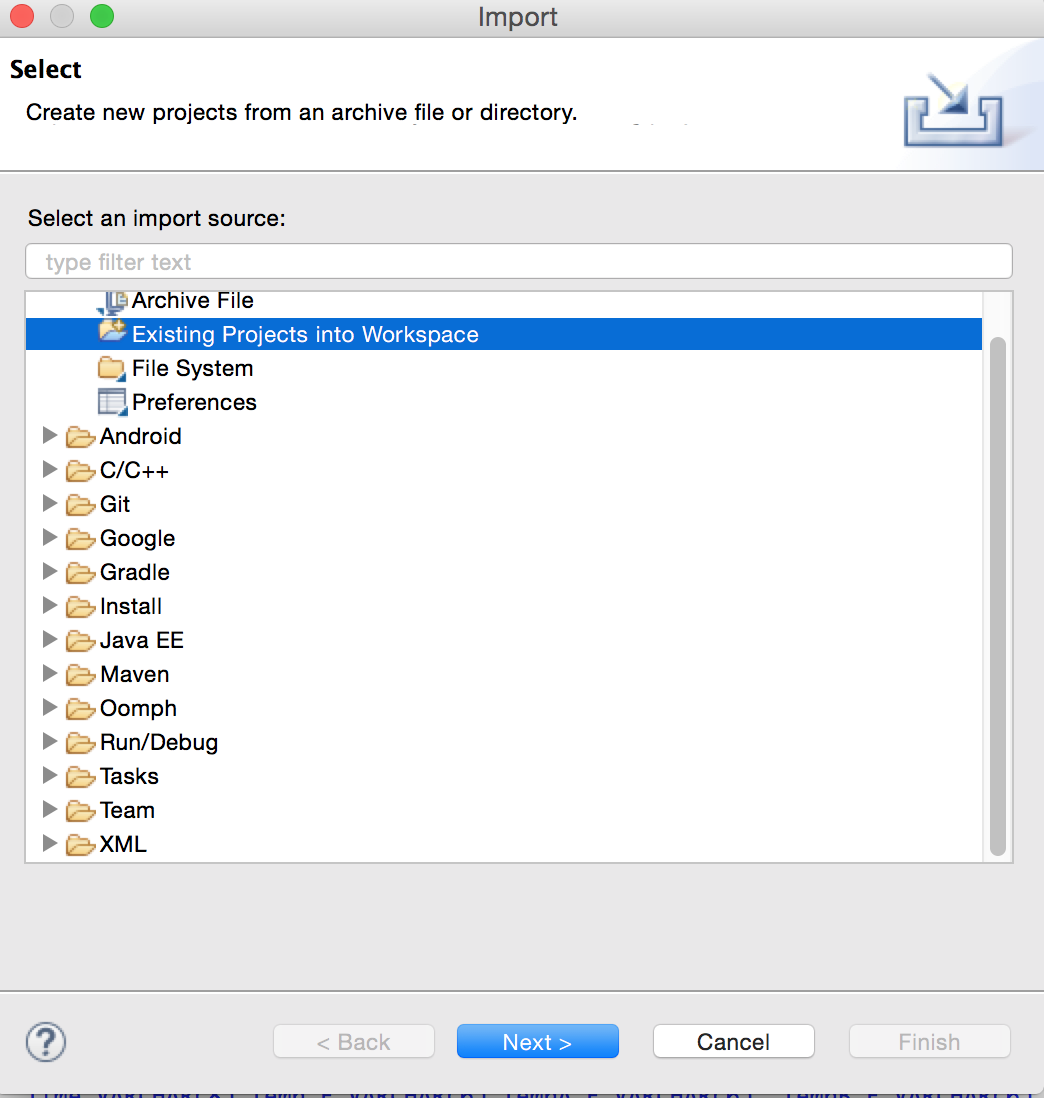
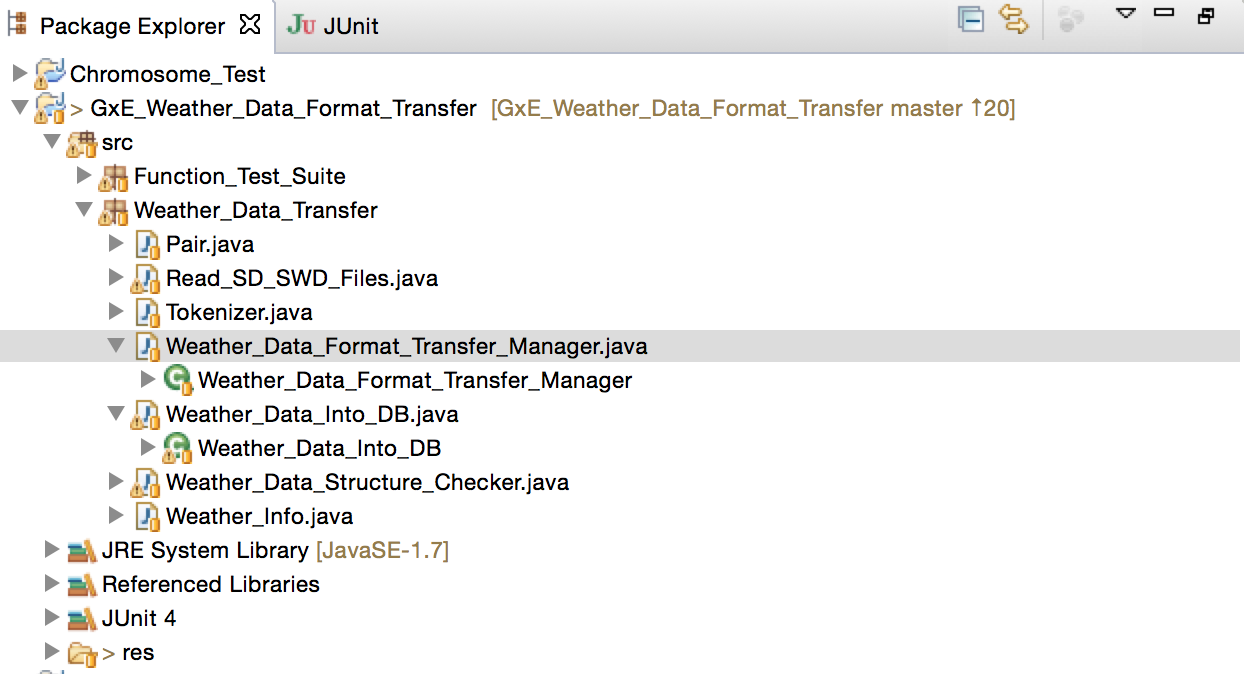
Instructions of using the GxE\_Weather\_Data\_Format\_Transfer

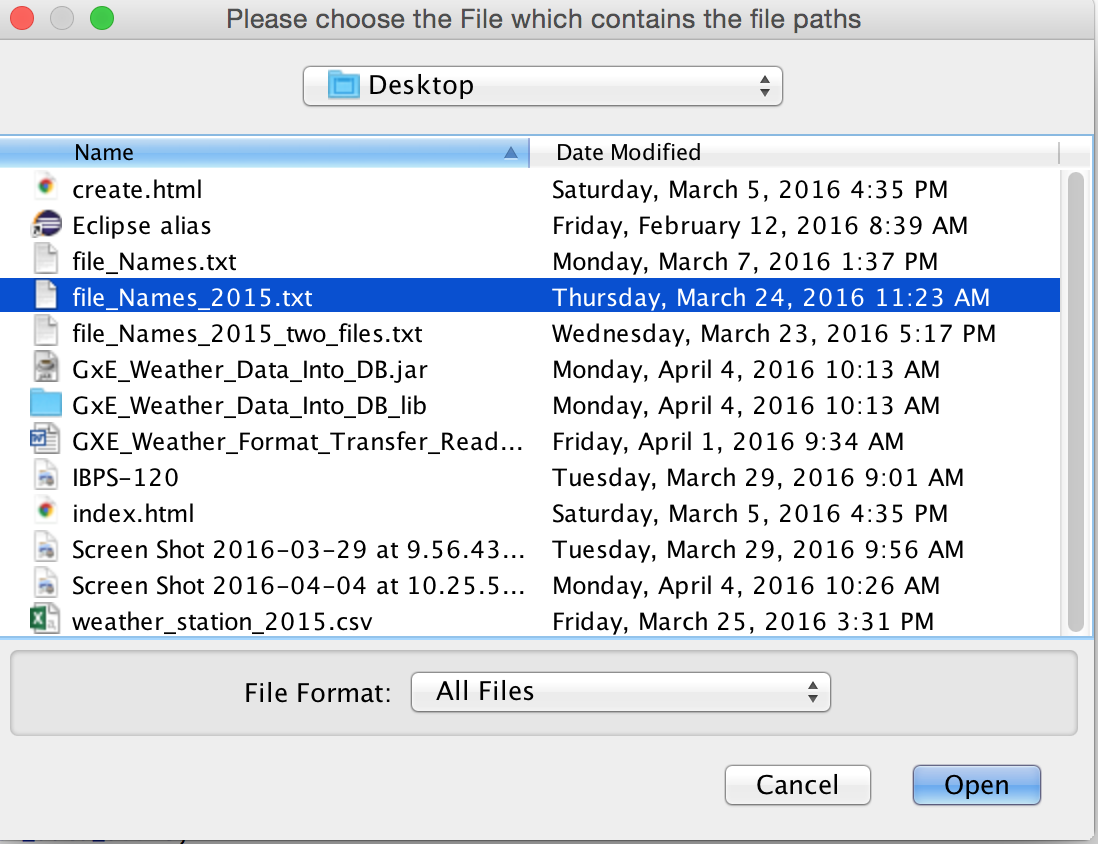
1. This program will put data into the following Postgresql database:  
   
2. Use the Automator(Ask for Finder Items, Get Folder Contents, New Text File) to get the file\_Name\_List in Desktop folder (file\_Names\_2015\_update.txt in my case on Desktop);



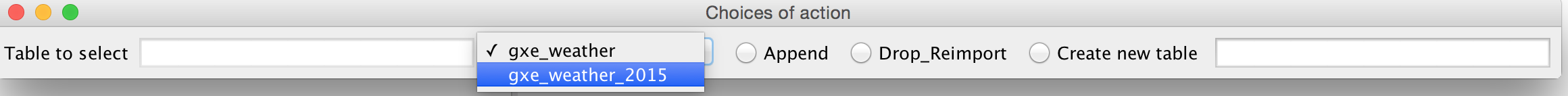
1. In Eclipse, import project GxE\_Weather\_Data\_Format\_Transfer into your workspace.



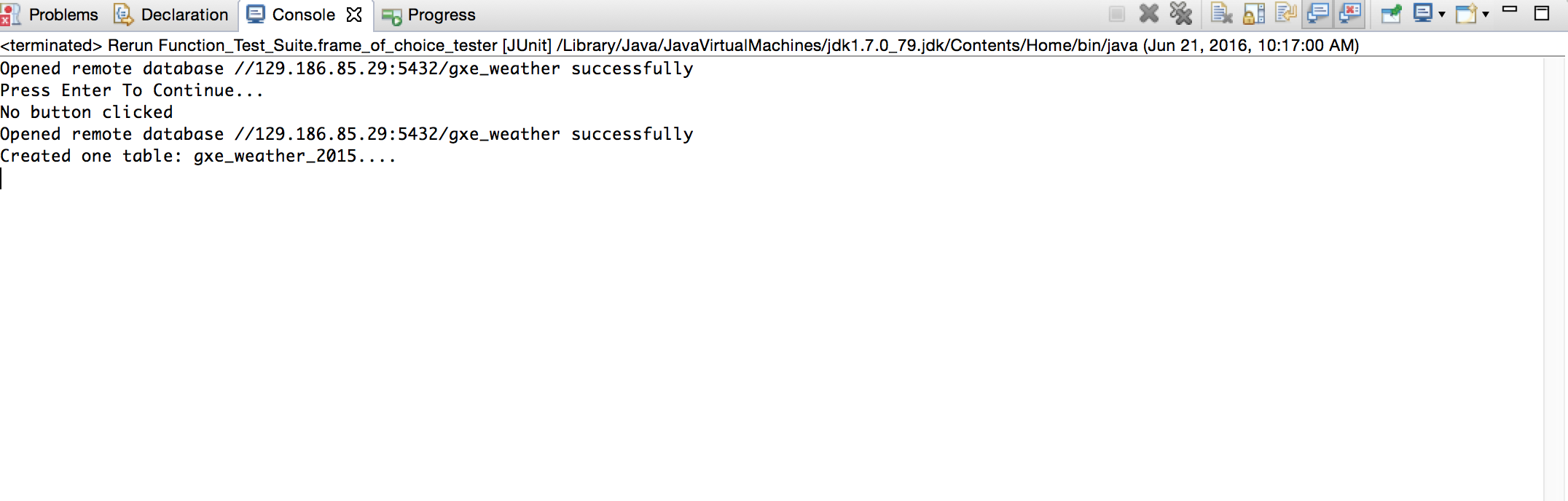
1. Run the GxE\_Weather\_Data\_Format\_Transfer/ Weather\_Data\_Format\_Transfer\_Manager as java application;  
   
2. Then choose the file\_Names\_List, for example, file\_Names\_2015.txt from Desktop folder, click Open;



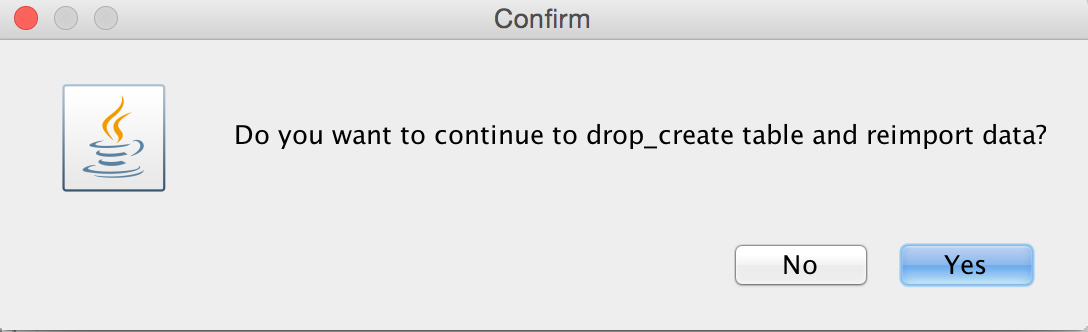
1. From the Choices of action frame, choose a table such as “gxe\_weather\_2015” to input data then click either “Append” or “Drop\_Reimport” radio button.



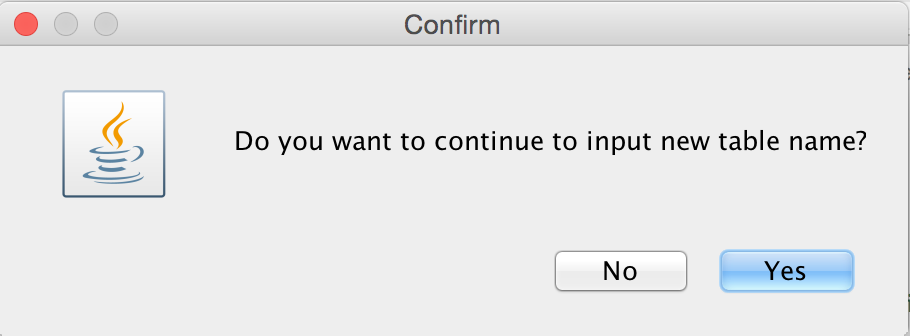
If you click the “Append” button, click anywhere in the Console window of Eclipse and then press “Enter” on keyboard to close the frame.

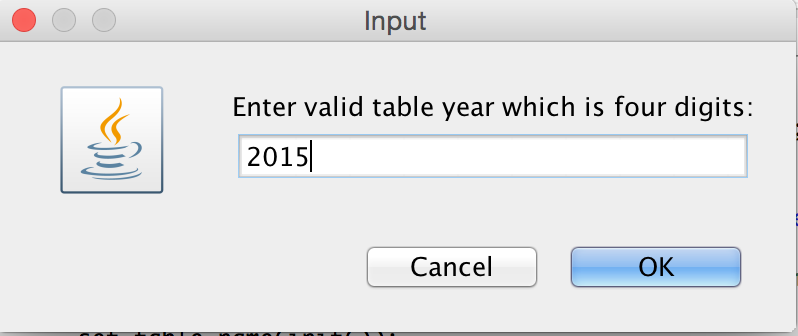


If you click the “Drop\_Reimport” one, you need to confirm your action.



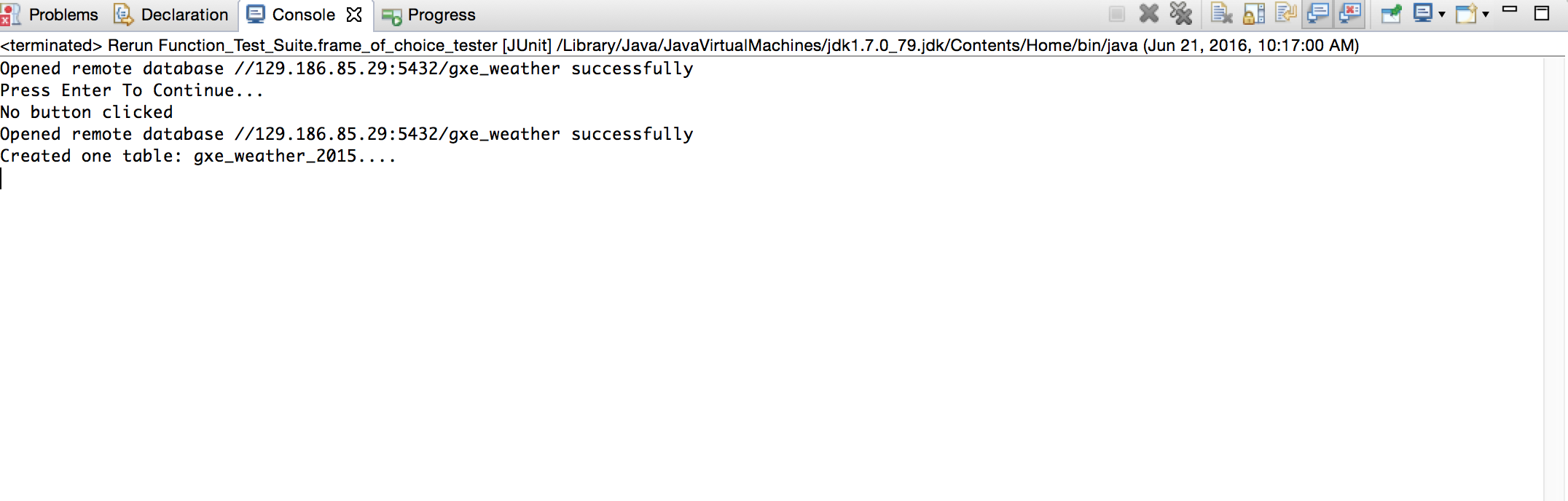
If you would like to create a new table, click the “create new table” button and confirm it, then input the year of experiment such as xxxx, the table name would be “gxe\_weather\_xxxx”.





Click “OK” button. If the input is not a four digit number, the input window will keep on showing until the input is satisfied, finally, click “OK” button again.

1. Click anywhere in the Console window of Eclipse and then press “Enter” on keyboard to close the frame.



1. Done.
2. If you would like to add another year data(SWD files) into the same DB, same table, please follow the rules of folder names as 2015 like this:

Station id 9087: /Users/yiweisun/Public/Drop Box/weather\_stn\_0001/9087/SD201505.SWD

Station id 2700 with "\_": /Users/yiweisun/Public/Drop Box/weather\_stn\_0005\_2700/SD201505.SWD

Finally, run step 2-8 again.