Wes Barr

Advanced Computer Programming

Project 1

User's Manual

Setup and Compilation

1. Download and unzip the submission from eLearning.

2. The submission will include:

    TestDB.java

    Database.java

    Log.java

    Vehicle.java

    SimpleDataSource.java

    Derby.jar

    Vehicles.dat

    database.properties

    UML Diagram for Project (Diagram1.dia)

    THIS User's Manual

    A batch file labeled R1 from original TestDB.zip

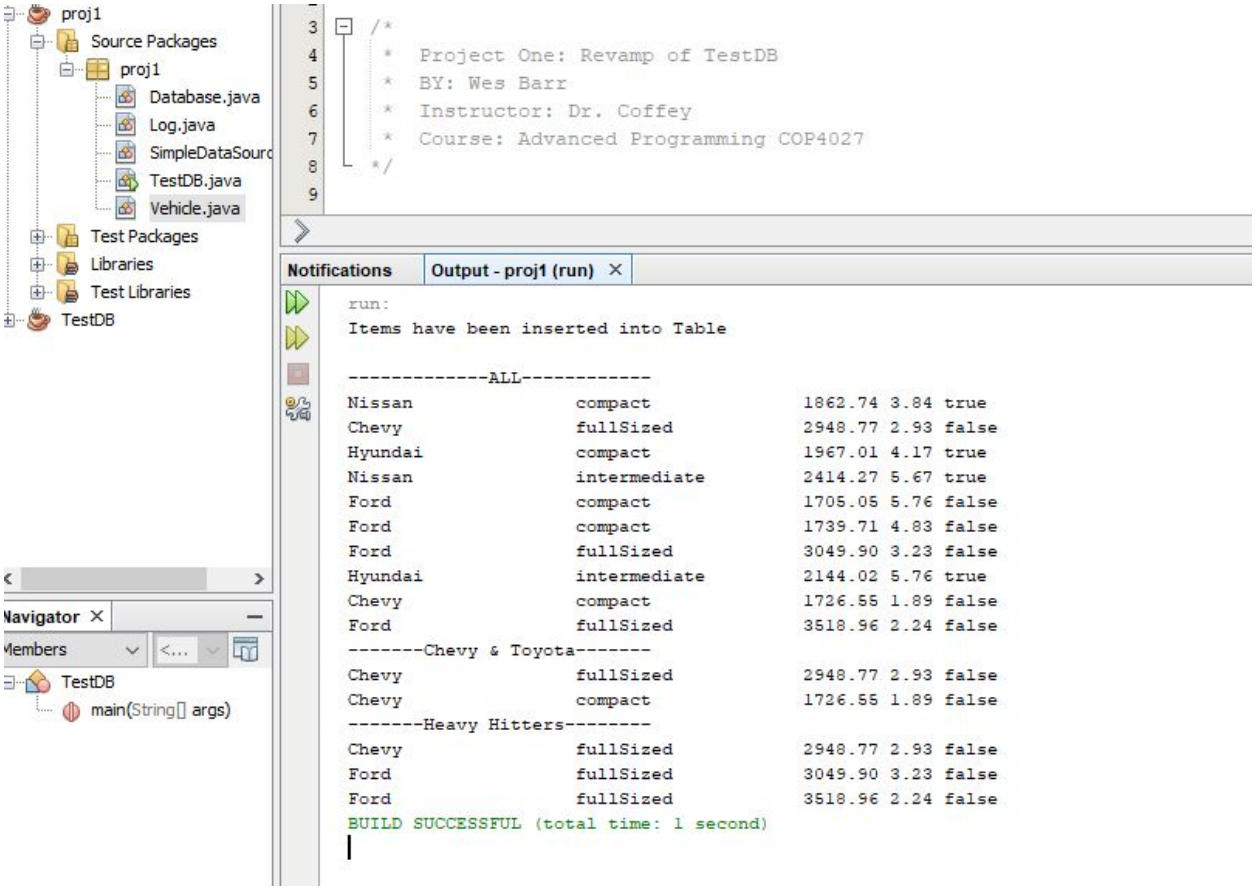
3. Environment: This program has been tested and developed using NetBeans 8.0.2 IDE for Windows.

4. Compiling: Import this project into your IDE of choice. Hopefully, NetBeans. The program will run correctly in this IDE.

RUNNING THE PROGRAM. The submission comes with the Derby.jar file. You will need to setup your classpath to read this derby.jar file. **CRITICAL STEP.** If you do not comply with this you will get errors and the database will not be able to open.

Note: if you run this program through cmd prompt then put it in your IDE it will throw many classpath errors.

USER input: no user input is required from the program. **Output**: All output goes to the console. Output will be similar to this:



After the program has run a Vehicles.dat file and dbOperations file will be created. dbOperations will show you the exact SQL commands that were executed in the program. It will show you the successful and unsuccessful attempts.