# **Database Access in Java**

***Steps:***

1. Load Driver
2. Get Connection from the Driver
3. Create a Statement
4. Execute the Statement(with SQL code)
5. Process through the Data
   1. Move to next row of data
   2. Access each data element one at a time
6. Close Connection

***Using NetBeans for Database Access:***

* Download the ChatBank DB from Blackboard
* Download the UCanAccess Drivers/JARs from Blackbrd
* In your ChattBank Project , Right Click on Libraries, select Add JAR Files, add the 5 JAR files that you downloaded from Blackboard(either one at a time or all at once…either works)
* Type in your database code. Make sure the path to your database is correct. See my examples posted in Week #2.
* The first 2 steps should look something like this:

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection con = DriverManager.getConnection("jdbc:ucanaccess://" +

"C://Users//renz//Documents//CIST 2373//ChattBankMDB.mdb");

* Run your code