**ITMD 411 Lecture Notes 10-14-16**

* JBDC intro 🡪 Databases
* Linked Lists review
* Midterm review

Databases

* CRUD
  + C – create
  + R – retrieve
  + U – update
  + D – delete

Driver ( jar) 🡪 Java Archive File

My SQL WorkBench

DriverManager.getConnection(DatabaseURL);

DriverManager.getConnection(DatabaseURL, Username, Password);

* Username – is a string containing a valid username
* Password – is a string containing a password
* DatabaseURL – lists the protocol used to access the database

protocol:subprotocol:databaseName

* protocol – is the database protocol
  + value is jdbc when using JDBC
* subprotocol – varies depending on the type of DBMS
  + value is derby when using Java DB
* databaseName – is the name of the database
* Using Java DB, the URL for the CoffeeDB database is:
  + jdbc:derby:CoffeeDB

Lab 3

try

{

fw.write(“Total females : “ + fcount + “\n”);

}

Catch(IOException e) {}