ON TOPCAT:

yash51@topcat:~/cs636/pa1a/music1/database$ cd ..

yash51@topcat:~/cs636/pa1a/music1$ ls

database pom.xml README runOnH2.cmd runOnH2.sh runOnMysql.cmd runOnMysql.sh runOnOracle.cmd runOnOracle.sh sound src target test.dat

yash51@topcat:~/cs636/pa1a/music1$ ./runOnH2.sh Register

Picked up \_JAVA\_OPTIONS: -Djava.security.egd=file:/dev/../dev/urandom

23 yash mahant

success

yash51@topcat:~/cs636/pa1a/music1$ ./runOnMysql.sh Register

Picked up \_JAVA\_OPTIONS: -Djava.security.egd=file:/dev/../dev/urandom

23 yash mahant

success

yash51@topcat:~/cs636/pa1a/music1$ ./runOnOracle.sh Register

./runOnOracle.sh: line 1: music#: command not found

Picked up \_JAVA\_OPTIONS: -Djava.security.egd=file:/dev/../dev/urandom

23 yash mahant

success

ON MY MAC:

yashs-mbp:music1 yashmahant$ runOnMysql.sh Register

yash mahant

success

yashs-mbp:music1 yashmahant$ runOnOracle.sh Register

./runOnOracle.sh: line 1: music#: command not found

12 yash mahant

success

yashs-mbp:music1 yashmahant$ runOnH2.sh Register

12 yash mahant

success

yashs-mbp:music1 yashmahant$

Register.java

package cs636.music.presentation;

import static cs636.music.dao.DBConstants.***H2\_DRIVER***;

import static cs636.music.dao.DBConstants.***MYSQL\_DRIVER***;

import static cs636.music.dao.DBConstants.***ORACLE\_DRIVER***;

import java.io.IOException;

import java.sql.\*;

public class Register {

public static void main(String args[]) throws IOException,SQLException{

Connection conn = null;

PreparedStatement stmt = null;

Statement st=null;

String dbUrl = null;

String usr = null;

String pw = null;

if (args.length == 0) { // no args: run on H2 with test.dat

// default to H2, an embedded DB

dbUrl = "jdbc:h2:~/test-music";

usr ="test";

pw="";

// leave dbUrl null, for H2

} else if (args.length == 3) {

dbUrl = args[0];

usr = args[1];

pw = args[2];

} else if (args.length == 4) {

dbUrl = args[1];

usr = args[2];

pw = args[3];

} else {

System.***out***

.println("usage:java [<inputFile>] <dbURL> <user> <passwd> ");

return;

}

String dbDriverName;

if (dbUrl.contains("mysql"))

dbDriverName = ***MYSQL\_DRIVER***;

else if (dbUrl.contains("oracle"))

dbDriverName = ***ORACLE\_DRIVER***;

else if (dbUrl.contains("h2"))

dbDriverName = ***H2\_DRIVER***;

else throw new SQLException("Unknown DB URL "+dbUrl);

try {

Class.*forName*(dbDriverName); // as done with JDBC before v4

} catch (Exception e) {

System.***out***.println("can't find driver " + dbDriverName);

}

conn = DriverManager.*getConnection*(dbUrl,usr,pw);

int id = 12;

String fname = ("yash");

String lname = ("mahant");

String email = ("yashmahant51@gmail.com");

try {

stmt = conn.prepareStatement("Insert into site\_user(USER\_ID,FIRSTNAME,LASTNAME,EMAIL\_ADDRESS,COMPANY\_NAME,ADDRESS1,ADDRESS2,CITY,STATE,ZIP,COUNTRY,CREDITCARD\_TYPE,CREDITCARD\_NUMBER,CREDITCARD\_EXPIRATIONDATE) VALUES ('" + id + "','" + fname + "','" + lname + "','" + email + "',null,null,null,null,null,null,null,null,null,null)");

stmt.executeUpdate();

st=conn.createStatement();

ResultSet rs=st.executeQuery("select \* from site\_user where user\_id=12");

while(rs.next()) {

System.***out***.println(rs.getString(1) +"\t" + rs.getString(2)+ "\t" + rs.getString(3));

}

System.***out***.println("success");

stmt.close();

conn.close();

}

catch(Exception e) {

System.***out***.println("Something not good");

}

}

}