package demuth\_guicustomhomes;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.Statement;

/\*\*

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\*/

public class BuildTables {

final String DB\_URL = "jdbc:derby://localhost:1527/HomeOrders;create=true";

public BuildTables()

{

try

{

//try this code

//create a connection to the database

Connection conn = DriverManager.getConnection(DB\_URL);

dropTables(conn);

buildHomesTable(conn);

conn.commit();

//close the connection

conn.close();

}catch(Exception ex)

{

//if it fails do this

System.out.println("Error: " + ex.getMessage());

}

}

public static void dropTables(Connection conn)

{

System.out.println("Checking for existing tables");

try

{

//get a statement object

Statement stmt = conn.createStatement();

try

{

stmt.execute("DROP TABLE UnpaidOrder");

System.out.println("UnpaidOrder table dropped.");

} catch(SQLException ex)

{

//No need to report anything here

//The table did not exist

}

try

{

stmt.execute("DROP TABLE Customer");

System.out.println("Customer table dropped.");

} catch(SQLException ex)

{

//No need to report anything here

//The table did not exist

}

try

{

stmt.execute("DROP TABLE Coffee");

System.out.println("Coffee table dropped.");

} catch(SQLException ex)

{

//No need to report anything here

//The table did not exist

}

}catch(SQLException ex)

{

System.out.println("Error: " + ex.getMessage());

ex.printStackTrace();

}

}

public static void buildHomesTable(Connection conn)

{

try

{

Statement stmt = conn.createStatement();

stmt.execute("CREATE Table Homes (" +

"HomeIDNumber CHAR(7) NOT NULL PRIMARY KEY, " +

"FirstName CHAR(255), " +

"LastName CHAR(255), " +

"Type CHAR(15), " +

"Price DOUBLE " +

")");

System.out.println("created Homes Table");

stmt.execute("INSERT INTO Homes Values ( " +

"'111-001', " +

"'Thomas', " +

"'Shelby', " +

"'Luxury', " +

"7999999)" );

stmt.execute("INSERT INTO Homes Values ( " +

"'111-002', " +

"'Bruce', " +

"'Wayne', " +

"'Custom', " +

"1250000)" );

stmt.execute("INSERT INTO Homes Values ( " +

"'111-003', " +

"'Arthur', " +

"'Apple', " +

"'Standard', " +

"175000)" );

stmt.execute("INSERT INTO Homes Values ( " +

"'111-004', " +

"'Peter', " +

"'Piper', " +

"'Luxury', " +

"550000)" );

System.out.println("inserted coffee data");

}catch(SQLException ex)

{

System.out.println("Error: " + ex.getMessage());

}

}

}