Lab 3 (Continuation of Lab 1 and 2)

Please make sure you have completed previous labs before you start Lab 3.

Write a Java program that generates random data for the 6 tables. Your program should generate files, where every line of the file has the form "insert into table ….". Create about 1000 customers, 1000 credit cards, and 100 vendors. Add data to the ownership table. Every user has between 1 and 3 credit cards and every card has at most two owners. Create about 2,000 random transactions. Copy and paste the files that are created by Java into your MySQL environment and execute the updates. For testing purposes, you can use the following query to determine the number of tuples in a table.

select count(*)
from customers;

My advice is to create several text files, one for each table. Note that the order in which the commands in the text files will be executed is important.