

CS1100 Introduction to Computer Science with Applications
Lab A3
Fall 2009

For each problem you are given an English question. Your job is to figure out how to ask the database the English question using a query or multiple queries. The answer that a database gives will depend upon the data within the database. You should write the query so that it gives the correct answer regardless of what data is in the database. The answers for “who” questions should include first name, last name and contactID and should not include duplicates. Each question is worth 10 pts.

- 1) How many orders are there which include a line item (order detail) for less than \$1000?
- 2) How many orders are there which have a total value of less than \$1000?
- 3) How many contacts placed an order which included a line item for less than \$1000?
- 4) How many contacts placed an order which had a total value of less than \$1000?
- 5) How many contacts are there who ordered a combined total for all of their orders, of less than \$1000 of merchandise
- 6) How many states have contacts who placed an order for more than \$1000
- 7) How many contacts placed an order for more than \$1000, broken down by state.
- 8) How many contacts placed more than 3 orders?
- 9) How many contacts placed at least one order with more than 4 line items?
- 10) How many contacts placed at least 2 orders for more than \$1000?