CSU101
Summer 2009
Lab A1

To complete this assignment you must submit an electronic copy to your instructor by the due date. Download the file ComputerStore.accdb from the course web site and save a copy of it. This database represents customer and order information for a hypothetical computer store. Our problem is to learn to construct queries on this database. The database will also serve as a source for the other Access labs, so you can save yourself much trouble if you keep a fresh copy somewhere handy. Please use a fresh copy for this assignment; one without any queries that we used in class.

1. Write a query to find all products (show the product ID and name), sorted by their current unit price (from highest to lowest). Save this query as **01InventoryByPrice**.

2. Write a query to find all products (show the product name and ID) whose current unit price is less than or equal to $100, ordered by their current unit price (from lowest to highest). Save this query as **02CheapInventoryByPrice**.

3. Write a query to find the last name, first name and zip code of all contacts, in zip code order. Save this query as **03ContactZips**.

4. Write a query to find the last name, first name, and zip code of all contacts from Massachusetts, in sorted by last name. Save this query as **04MassContacts**.

5. Write a query to find the last name, first name and zip code of all contacts that *placed an order*. Sort in zip code order. Save this query as **05CustomerZips**.

6. Write a query to find the total quantity ordered for each product (show the product ID and name, along with the quantity). Save this query as **06QuantityPerItem**.

7. Write a query that lists the order ID and order date of every order placed by Eleanor Milgrom. Make sure that only the order ID and date are shown by the query; do not show the customer name, contact ID, etc. Save this query as **07MilgromOrders**.

8. Write a query that computes the total number of items in each order. Save this query as **08ItemsPerOrder**.

9. Write a query that computes the total cost for each order, and displays all orders whose total cost is greater than $1000. Save this query as **09OrdersOver1000**.

10. Write a query to answer the question: how much money was spent on merchandise from each city in Florida? Save your query as **10FloridaTotalsByCity**.

After you have completed 1 through 10, your modified version of the database should contain 10 queries. Submit this modified Access database to Blackboard.

(Be sure to send the database, not the locking file! To ensure this, completely close Access before you attach your file in Blackboard. The locking file will disappear once Access is closed.)