CSU101
Spring 2008
Lab 6

To complete this assignment you must submit an electronic copy to your instructor by the due date.

Use the database file **ComputerStore2.mdb** from the course web site. Rename the file as *yournameLab6*.mdb and save a copy of it. Our problem is to construct two reports, one that will generate invoices for a customer when the user specifies the customer in question, and one that will generate a particular report about the sales of the store.

Report 1
An invoice is a printed sheet that details which products, their quantity and cost, a particular customer has ordered. Essentially, it serves as a bill to the customer. Here is a model invoice for Eleanor Milgrom's order O0007 of April 21, 1999.

<yourname>'s Computer Store
1169 Huntington Ave.
Boston, MA 02115

Customer:
Eleanor Milgrom
7245 NW Street
Margate, FL 33065

Order Number: O0007 Order Date: 4/21/99

Quantity	Product	Unit Price	Extended Price
1	Microsoft Scenes Screen Saver	29.95	29.95
3	Microsoft Cinemania	59.95	179.85
		Order Total	209.80

There is one invoice for each order placed by a customer. The invoice must appear no more than one to a page. It must contain all of the above information on the particular order it represents.

The report must be based upon a query, which selects out of the tables the information necessary for the report. As you can see from the above example, you will need information about the customer, information about the products ordered, and information about the order itself. The query must prompt the user for the last name of the customer

whose invoices are to be printed. This is a query with a parameter. In a more realistic example, the query would only search for unpaid invoices, but ours will produce invoices for all orders for a specific customer, since we have no way of recording which invoices are paid.

When you have constructed and tested the query, save it as **qryInvoice**. Then design the report and test it, viewing its output on the screen. When the report does everything required of it, save it as **rptInvoice.**

Report 2
Suppose you are the owner of the computer store and want to know the average **order cost** by **state** and by **city** within a state. This means that we want to see the average order cost for each city of each state, and the average order cost of each state. Construct a report which will answer this question.

1. Your report should be structured as follows:

title

State	City	Average Order Cost
FL		
	Coral Gables	whatever
	Miami	whatever
	and so on	and so on
	State average order	amount
NY		
	Albany	whatever
	Brooklyn	whatever
	and so on	and so on
	State average order	amount

on to the other states

2. The pages must be numbered and the title and headings must appear on each page.
3. Your report must come from a query which will provide all required information. Name your query **qryAverageCost,** and save it as a part of the database. Save the report as **rptAverageCost.**

After you have completed this assignment, your modified version of Computer Store2.mdb should contain the specified queries and the specified reports. Submit this modified Access database to your instructor in the usual way.