

CSU101
Summer 2009
Lab Assignment A4
(Extra Credit)

To complete this assignment you must submit an electronic copy to Blackboard by the due date. Use the database file **ComputerStore.accdb** from the course web site. Our problem is to construct two reports, one that will generate an invoice for an order when the user specifies a particular order ID, 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: 4/21/1999	
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. 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 order ID of the order whose invoice is to be printed. This is a query with a parameter.

When you have constructed and tested the query, save it as **Query1**. Then design the report and test it, viewing its output on the screen. When the report does everything required of it, save it as **Invoice**.

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:

<Yourname>'s Computer Store
Average Order Cost per City and State
(This is the title)

State	City	Average Order Cost
FL	Coral Gables	\$576.25
	Miami	\$1205.00
	... (other cities here)	...
	State Average	\$825.63
NY	Albany	\$442.40
	New York	\$220.14

	State Average	\$410.21
OH	(and so on for 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 **Query2**, and save it as a part of the database. Save the report as **AverageCost**.

After you have completed this assignment, your modified version of ComputerStore.accdb should contain the specified queries and the specified reports. Submit this modified Access database to Blackboard in the usual way.