

Microsoft Access 2010 Chapter 2 – Lab Test A

Querying the Electronics Database

Purpose: To demonstrate the ability to create and use queries.

Problem: Query an electronics shop database in a variety of different ways.

Instructions: Use the HaveMore Electronics shop database created in Access Chapter 1 – Lab Test A for this assignment or a copy of the database supplied by your instructor. Execute the following tasks using queries, and print the results.

1. Open the HaveMore Electronics database and, using the Sales Reps table, create a new query for each of the following tasks.
2. Display and print all fields for all the records in the Sales Rep table.
3. Display and print the Sales Rep ID, Outlet ID, and Quota for all records in the Sales Reps table.
4. Display and print the Sales Rep ID, Outlet ID, and Quota for all Sales Reps with a Gender of M.
5. Display and print the Sales Rep ID, Full Name, Age, and Hire Date for all Sales Reps with a hire date after June 1, 2005.
6. Display and print the Sales Rep ID, Full Name, Outlet ID, Quota, and YTD Sales for all Sales Reps with a quota of more than \$2,000,000 and Outlet ID of HME 17.
7. Display and print the Sales Rep ID, Full Name, Outlet ID, and YTD Sales for all Sales Reps with a Sales Rep ID that begins with 6.
8. Display and print the Sales Rep ID, Full Name, Hire Date, and Quota for all Sales Reps with a hire date before June 1, 2004 or a quote of less than \$250,000.
9. Display and print the Sales Rep ID, Full Name, Outlet ID, and YTD Sales for the top 4 Sales Reps with YTD Sales greater than \$1,500,000 and less than \$3,000,000. (*Hint:* Enter a criteria of “>1500000 And<3000000” for YTD Sales.)
10. Display and print the Sales Rep ID, Outlet ID, Full Name, and Hire Date of all records in the Sales Reps table sorted in ascending sequence by Full name. Using a parameter, ask the user to “Enter Outlet ID”, and use it to limit the records to just those which match the parameter.
11. Using all the fields, display and print all the records in the Sales Reps table sorted in descending sequence by Full Name within Outlet ID. Make Outlet ID the first field in the query.
12. Join the Sales Reps and Outlet tables. Using the fields Sales Rep ID, Outlet ID, Full Name, Address, City, and State, display and print all records.
13. Restrict the records retrieved in Step 12 to only Sales Reps with a Sales Rep ID beginning with a 1. Display and print the results.
14. From the Sales Reps table, display and print the Outlet ID, and Quota for the highest quota with an Outlet ID of HME 26.

15. From the Sales Reps table, display and print the average YTD Sales by Outlet ID.
16. If each Sales Rep is required to increase their quota by 15%, display and print the Sales Rep ID, Outlet ID, Quota, and new quota for every record in the Sales Reps table.
17. Display and print a Crosstab query using Outlet ID as the row heading, Gender as the column heading, and a count of the Sales Rep ID's as the value.
18. Close the HaveMore Electronics database and quit Access.