

CA141 - Homework #7

Objective: Practice creating queries using joined tables, group by, total- aggregate functions, conditional if, parameter query, find duplicate query and total tables.

Assignment: Download the **Query2** database from the class web site. Change the database name by adding “your first name” to name your database **Query2_yourfirstname**.

All Queries:

- 1) Name the query appropriately and add the sort in title, see class notes
 - ✓ Add the number before the name, to help me grade
 - ✓ Example: **1qryAccountSumByDescript**
- 2) Only show those fields needed to answer the question, unless requested.

Exercise 1: Queries

1. TblLedger tracks employee expenses, please provide a summary of what types of expenses the employees are spending the company’s money on?
 - Sort by Expense
2. TblJobs tracks work done for its customers, please provide a summary of the type of work done for the customers?
 - Sort by Work_Done and Customer
3. From tblLedger, for each expense type, calculate each expense’s total dollar amount?
 - Note: Do not subtotal each “individual order” amount.
 - Format the dollar amounts to currency.
 - Sort by Expense order.
4. tblEmployee and tblJobs. Who worked on job 1422 with more than 1 hour? Provide full name, their phone number, work done, hours, and cost?
 - If needed, join the tables in the query view. Do not worry about referential integrity.
 - Format the dollar amounts to currency.
 - Sort by Last Name
5. Use tblEmployee and tblJobs, for each employee, display their job’s subtotal hours and costs.
 - If needed, join the tables in the query view. Do not worry about referential integrity.
 - Display Last Name, First Name, Hours, and Costs
 - Format the dollar amounts to currency.
 - Sort by Last Name
6. Use tblEmployee. What is the average salary, minimum salary, maximum salary, and total salary the company pays its employees? Also, how many employees work at this company?
 - Format the dollar amounts to currency.

7. Use tblSwimwear. We will be discounting the price of high stock swimsuits. Create a new field that will say "Mark Down the Price" if the stock quantity is 10 or more and "Regular Price" for all other suits.
 - Display new field, Stock Quantity, Company, Model Name, Style
 - Sort by new field and Company and Model Name
8. Use tblBooks. Create a query to ask the person what subject of books they are looking for. Make sure the books displayed are on the shelf!
 - Display Book Title, Author, and Length
 - Sort by Title
9. Use tblEmployee. What is the maximum vacation and sick leave taken? What is the average salary? (Use table total.)
 - Format the dollar amounts to currency.
10. Use tblJobs. We want to find out what our repeat customers use our business for, so show the jobs and those cost associated. Use a duplicate query to show our repeat customers! Provide on each customer and the work done and cost of each job.
 - Show Customer, Work Done and Cost
 - Format the dollar amounts to currency
 - Format hours to fixed number
 - Average hours and average cost - at the bottom of the record set! Not in QBE.
 - Sort by Company and Work Done

Hand In

1. No printouts.
2. Submit your homework file by uploading it via the class web site.
3. Due by April 8st by 6 pm.