MGMT 345 Sections 1 & 3 Assignment #5

Lab 4 from the O'Leary Access 2002 book.
On Your Own #4, Enterprise Database Expansion (page AC4.73)
Due 6 November 2003

You must e-mail the solutions to me at ajaken@cba.siu.edu prior to the beginning of the lab on 6 Nov.

On Your Own #4 from Lab 4 builds upon the database you submitted for assignment #4.

Lab 4, On Your Own #4: You are continuing to work on a database for JK Enterprises. This database currently includes 2 tables: one which contains expense report data and another which contains employee data. You want to add two more tables to the database: one that contains department information (such as department_number, department_name, manager_ID, location & telephone_number), and another that contains expense type information (such as expense_type_number, expense_type_description – like travel, etc.).

Open the database that you updated in On Your Own Exercise 3 of Lab 3 and modify the expenses table adding a field to the beginning of the table called expense_id with a type of autoNumber and make this new field the primary key for the table. Create the two new tables using an input mask on the department's telephone number field and lookup fields where appropriate. Enter at least 5 records for both tables, using existing data from the expenses table where possible. Change the field type of the expense_type field in the expenses table to match the expense_type_number field in the expense_types table you just created.

When the tables are completed, establish relationships between them so that the employee_id field in expenses is related to the appropriate field in the employees table, the department number field in the expenses table is related to the appropriate field in the departments table you just created, the expense_type field in the expenses table is related to the expense type table you just created, and the manager_ID field in the department table you just created to the employee_id field in the employees table.

Use the expenses table and the departments table to create a query that calculates the expense amounts by department.