Instructions:

You will be creating and saving queries. You won't be required to submit your database, or show me any of the queries. BUT...the queries will be used to answer questions in the quiz that follows this activity.

To get started:

1. Open a new copy the Southgale database in MS Access. You should be able to find a new copy of Southgale at the top of this Lesson.
2. Write and SAVE a query for each of the instructions below. Be sure to SAVE each query with the name Query 1, Query 2, etc. corresponding with the number of the instruction below, since you’ll be answering questions on a quiz in your next

activity. Questions on that quiz will refer to “Query 1”, “Query 2”, etc.

Queries:

**>>> Read the instructions for each query very carefully! <<<**

1. From the Customer and Orders tables, list the City, Company Name, OrderID, and Order date. Sort the results by most recent order date within City in alphabetic order.

Hints:

* 1. That means City is the major sort, and order date is the minor sort. (You know that the “major” sort always comes first in your query.)
  2. Anytime you use more than one table, you have to check to make sure that MS Access has a “relationship” between those the tables. In MS Access, that means you should see a line connecting them.

1. Now run the same query from the previous instruction, but add the Shipper table and include the Shipper’s company name, too.
2. The sales management needs to know which employees took orders from our customers from Cork, London, and Seattle in the first half of 1997.

Create a query to show the last and first names of employees, the customer’s company name, the order id, the order date, and the date on which each order was shipped. Sort the results by employee name as the major sort and customer as the minor sort.

1. Our marketing department wants to know if there is a correlation between the time of year and the categories of products we sell.

Create a query to show the name of each category, product name, and the order date. Sort the results by order date within each category.

1. How many different products does each supplier provide? Who supplies the most?

Create a query (with the Count function) to show the Supplier’s company name and a count of the number of products from each supplier. Sort the result to show the supplier with the highest count at the top, and the supplier with the lowest count at the bottom.

1. Which shippers are shipping orders to customers from specific cities?

Use a parametric query. Each time the query is RUN it should ask the user to key in a specific customer city.

In the answer table list the shipper’s company name, the customer’s company name, the order date, and the city, sorted so that the most recent order date is at the top.