

Homework 2

Due Date: beginning of class on October 22

You are to create a word-processed document. Put your name, the course number and title, and “Homework 2” at the top of the document. For each problem below, give the result of a query in part (a), and the query/queries itself/themselves in part (b). For example, suppose question 1 was: “Find the name of the winner of the Floopie contest.”

Then your document would contain something like:

1. (a) The winner of the Floopie contest was:

Joe

- (b) Query:

```
SELECT
    place, name
FROM
    contestants
ORDER BY
    place
```

Try to find the **best** query/queries you can that give you the desired result. Copy and paste the results and especially the query into your document. Do not create screenshots.

Download the database `FoodCo.db` from the course web page to solve the following problems.

1. List the cities in Germany that are customers of FoodCo, in alphabetical order.
2. Who is the customer in Germany that is the owner of their own company?
3. List the name, contact title, and city of all the customers that are involved with sales in either the United Kingdom or France. Display the results in (first) name order.
4. List the company names and cities of the companies that have the most products sold by the ounce. Note we have not yet covered joins, so you may need multiple queries for this.
5. Produce output that shows ProductName, UnitsInStock, UnitsOnOrder, and OrderStatus from the Product table. The table should be ordered by UnitsOnOrder - UnitsInStock, largest first. The value of OrderStatus should be found according to the following table:

OrderStatus	Condition
Out of stock	if UnitsOnOrder is more than the UnitsInStock
Need to order now	if UnitsOnOrder is is less than 10 more than UnitsInStock
Need to order soon	if UnitsOnOrder is is less than 20 more than UnitsInStock

If none of the conditions hold, then that product should not be displayed.

Turn in a printed copy of your document. At the bottom of the document, include a **signed** Honor Code pledge:

I have abided by the Wheaton College Honor Code in this work.