

SQL on multiple tables

For this assignment you will be again using the classicmodels database on our unix system. Note that there are 9 questions, the last one must be done at least two different ways, so each sql answer is worth 10 points. Again, write and test your queries and then put them into a file, run that file and turn it and the output in on Blackboard. Read the questions carefully!

1. How many employees work in each city? List the city name.
2. List each employee first name and last name and the number of customers for each one.
3. List each employee first name and last name and the first and last name of the person that employee reports to.
4. For the first 25 customers, list the contact person (first name and last name) and the total amount of payments.
5. How many customers live in the same city as their sales rep works?
6. How many customers live in the same city as their sales rep works, list the name of the city and the number of customers.
7. Which customer (just the customer name) has ordered the most expensive product (based on the buyPrice)?
8. Which customer has made the largest payment? list just the customer name.
9. List all of the product descriptions for products from Min Lin Diecast and Exoto Designs do this in at least two different ways (Don't use wild cards)

Extra Credit

In order to receive extra credit points, you must have the basic assignment done completely and correctly. These are meant to be more difficult, so you may not ask the Instructors or TAs (or each other) for help.

1. For the first 10 orders, list the order number, the customer name and all of the product names on that order in ascending order of customer name.
2. What is the average dollar amount for each order?