

Cis 111 Assignment #2 – Chapter 4 Query Problems

Query #1: List the company name, contact name, contact title and the phone number for customers who HAVE put in an order. Use an outer join.

Query #2: Create a listing displaying the employee’s full name (First name space Last Name) and the full name of the person they report to (Supervisor). This is a self-join. If an employee does not report to anyone then they should not appear in the result set. Sort the result set supervisors full name and then by the employees last name. Name the column appropriately.

Query #3: This query will need 6 tables. Display the following: Customer ID, customer company name, employee last name who wrote the order, order date, order product name, order product quantity, and the company name of the supplier who provides the product. Only products with a name of Chai, Chang, or Tofo should be included .It should only be for orders written (OrderDate) for the month of December regardless of year – use the Month(date field) function.

Query #4: List the product name and the supplier name distinctly for those products that meet the following criteria: there had to be at least a quantity of 50 placed on an order, the products should be within the following categories: Beverages, Meat/Poultry, Dairy Products,. Order the list by product name.

Query #5: Create a union that combines the following result sets: The first interim result set should display the literal ‘Discounted’, product ID, name, unit price, quantity, product sale amount which is a calculated field. (UnitPrice * Quantity) * (1 - Discount) AS ProductSale. Use the UnitPrice from the Products table. Return only discounted products (located in the Order Details table where discount>0) where a quantity of 30 or more were placed for an order.

The second interim result set should display the literal ‘No Discount’, product ID, name, unit price, quantity, product sale which should be setup as follows: (UnitPrice* Quantity) AS ProductSale. This should be for non discount products (discount=0) where a quantity of 20 or more were placed for an order. Sort the entire result set by Product Name, discount type, and quantity - highest to lowest.

Query #6: Create a query that will display an employee first name and last name uniquely for those employees that live in the USA and have sold at least one of the following products: Filo Mix, or Sir Rodney’s Scones. Make sure you bring in the correct number of tables to perform this query, a Cross Join SHOULD NOT BE USED.

Query #7: List the cities for an employee that is common to a customer city location. YOU MUST use the Intersect operator.

Query #8: This query will involve 7 tables. Make sure a CROSS JOIN is NOT used. Display the employee first name, last name, Territory description, unit price at the time of the order, quantity ordered, product name, region description for order quantities within the range of 10 and 25, territory of Atlanta, within the Southern region, unitprice of 10 dollars or less, and the product name with the letter “G”.