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**Lab 04**

**1. Create a query that shows retail customers first name and last name along with their sales rep employee number and their first name, last name, city, phone number and postal code for all retail customers who live in Singapore.**

**a. Answer this question using an ANSI-89 Join**

**b. Answer this question using an ANSI-92 Join**

**2. Create a query that displays all retail payments made by retail customers from USA.**

**a. Sort the output by Customer Number.**

**b. Only display the Customer Number, Customer Name,Country, Payment Date and Amount.**

**c. Make sure the date is displayed clearly to know what date it is. (i.e. what date is 02-04-19??? – Feb 4, 2019, April 2, 2019, April 19, 2002, ….) dd/mm/yy**

**3. Create a query that shows all Canada customers who have made a payment. Display only the customer number ,customer name, amount sorted by customer number.**

**4. Display all the retail orders with quantity ordered, price of each item, who have their order shipped and who live in Denmark**

**5. Create a view (vwProductOrder) to list all the retail products with the following data:**

**Product code, product name, msrp, buyprice, quantity ordered, and price for each product in every order.**

**b) Write a statement to view the results of the view just created.**

**6. Using the vwProductOrder view, display the product order information with product name, buyprice ,order line number anwhose buy price is in the range from $30 to $40 and whose product code starts with ‘s32’. Sort the output based on product name and then buy price. (Hint: orderLineNumber is not in the view then how can you get in this query?)**

**7. Create a query that displays the customer order information with customer number, first name, last name, phone, and credit limits for all customers who do not have any orders.**

**8. Create a view (vwEmployeeManager) to display the information of all retail employees first name and last name and their managers first name and managers last name if there is any manager that the employee reports to. Include all employees, including those who do not report to anyone.**

**9. Modify the vwEmployeeManager view so the view returns only employee information for employees who have a manager. Do not DROP and recreate the view – modify it. (Google is your friend).**

**10. Drop both vwProductOrder and vwEmployeeManager views.**