

Single and multiple-table selects.

Use the Premiere Products tables in the Schema PREMLABHOK.

You can use the following information for your answers.

REP

Column	Type	Length	Decimals	Nulls Allowed	Description
RepNum	Char	2		No	Sales rep number (PK)
LastName	Char	15			Last name
FirstName	Char	15			First location
Street	Char	15			Street
City	Char	15			City
State	Char	2			State
ZipCode	Char	5			Zip code
Commission	Dec	7	2		Total Commission
Rate	Dec	3	2		Commission Rate

CUSTOMER

Column	Type	Length	Decimals	Nulls Allowed	Description
CustomerNum	Char	3		No	Customer number (PK)
CustomerName	Char	15			Last name
Street	Char	15			Street
City	Char	15			City
State	Char	2			State
Zip	Char	5			Zip code
Balance	Dec	7	2		Balance
CreditLimit	Dec	7	2		Credit limit
RepNum	Char	2			Sales rep number (FK)

ORDERS

Column	Type	Length	Decimals	Nulls Allowed	Description
OrderNum	Char	5		No	Order number (PK)
OrderDate	Date				Order date
CustomerNum	Char	3			Customer number (FK)

ORDER_LINE

Column	Type	Length	Decimals	Nulls Allowed	Description
OrderNum	Char	5		No	Order number (PK) (FK)
PartNum	Char	4		No	Part number (PK) (FK)
NumOrdered	Dec	3	0		Number ordered
QuotedPrice	Dec	7	2		Quoted price

PART

Column	Type	Length	Decimals	Nulls Allowed	Description
PartNum	Char	4		No	Part number (PK)
Description	Char	15			Part description
OnHand	Dec	5	0		Units on hand
Class	Char	2			Class of part
Warehouse	Char	1			Warehouse
Price	Dec	7	2		Price of part

1. List the part number and part description for all parts.
2. Find the name for every customer who has a credit limit of at least \$10,000.
3. List the customer number, name for every customer represented by sales rep 20 or sales rep 35.
4. List the part number and part description for every part that has between 10 and 20 units on hand.
5. List the part number, part description, and on-hand value for each part whose on-hand value is at least \$2000.
6. Find the customer number, name for every customer whose name begins with the letter "D".
7. List all details about all parts. Order the output by part number within item class. (That is, order the output by item class and then by part number).
8. Find the total of the balances for all customers represented by sales rep 65 who have a balance that is less than their credit limits.
9. What is the least expensive part in the database?
10. How many customers are in the database?
11. List the item class and the sum of the value of parts on hand. Group the results by item class.
12. For every order, list the order number and order date along with the customer number, name of the customer who places the order.
13. For every order, list the order number, order date, part number, number of units ordered, and quoted price for each order line that makes up the order.
14. For every order, list the order number, order date, part number, part description, and item class for each part that makes up the order.