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1 • use sql_practice;
2 # 1.What is the product ID, Product Name, and the associated supplier
3 # (Company Name) for each product? Sort by the product ID.
4
5 • SELECT
6     p.ProductID,
7     p.ProductName,
8     s.CompanyName AS SupplierName
9 FROM Products p
10 INNER JOIN Suppliers s ON p.SupplierID = s.SupplierID
11 ORDER BY p.ProductID;
12

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Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	ProductID	ProductName	SupplierName
▶	1	Chai	Exotic Liquids
	2	Chang	Exotic Liquids
	3	Aniseed Syrup	Exotic Liquids
	4	Chef Anton's Cajun Seasoning	New Orleans Cajun Delights
	5	Chef Anton's Gumbo Mix	New Orleans Cajun Delights
	6	Grandma's Boysenberry Spread	Grandma Kelly's Homestead
	7	Uncle Bob's Organic Dried Pears	Grandma Kelly's Homestead
	8	Northwoods Cranberry Sauce	Grandma Kelly's Homestead
	9	Mishi Kobe Niku	Tokyo Traders
	10	Ikura	Tokyo Traders
	11	Queso Cabrales	Cooperativa de Quesos 'La...

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13  # 2.List all of orders (with order ID less than 10300) that were made.
14  # Show the order ID and order date. Also include the associated employee's
15  # last name and title. Sort by the order ID.
16
17  • SELECT
18      o.OrderID,
19      o.OrderDate,
20      e.LastName AS EmployeeLastName,
21      e.Title AS EmployeeTitle
22  FROM Orders o
23  INNER JOIN Employees e ON o.EmployeeID = e.EmployeeID
24  WHERE o.OrderID < 10300
25  ORDER BY o.OrderID;
26

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Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	OrderID	OrderDate	EmployeeLastName	EmployeeTitle
▶	10248	2014-07-04 08:00:00.000000	Buchanan	Sales Manager
	10249	2014-07-05 04:00:00.000000	Suyama	Sales Representative
	10250	2014-07-08 15:00:00.000000	Peacock	Sales Representative
	10251	2014-07-08 14:00:00.000000	Leverling	Sales Representative
	10252	2014-07-09 01:00:00.000000	Peacock	Sales Representative
	10253	2014-07-10 08:00:00.000000	Leverling	Sales Representative
	10254	2014-07-11 02:00:00.000000	Buchanan	Sales Manager
	10255	2014-07-12 20:00:00.000000	Dodsworth	Sales Representative
	10256	2014-07-15 22:00:00.000000	Leverling	Sales Representative

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27 # 3.The sales manager would like a report detailing the following
28 # (in one result set): employee ID, employee last name, order ID, product name,
29 # and order quantity. Join tables as necessary.
30
31 • SELECT
32     e.EmployeeID,
33     e.LastName AS EmployeeLastName,
34     o.OrderID,
35     p.ProductName,
36     od.Quantity
37 FROM Employees e
38 INNER JOIN Orders o ON e.EmployeeID = o.EmployeeID
39 INNER JOIN OrderDetails od ON o.OrderID = od.OrderID
40 INNER JOIN Products p ON od.ProductID = p.ProductID
41 ORDER BY o.OrderID;
42

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Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
EmployeeID	EmployeeLastName	OrderID	ProductName	Quantity
5	Buchanan	10248	Queso Cabrales	12
5	Buchanan	10248	Singaporean Hokkien Fried Mee	10
5	Buchanan	10248	Mozzarella di Giovanni	5
6	Suyama	10249	Manjimup Dried Apples	40
6	Suyama	10249	Tofu	9
4	Peacock	10250	Manjimup Dried Apples	35
4	Peacock	10250	Louisiana Fiery Hot Pepper Sauce	15

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42
43     # 4.Which customers (ID only) have never placed orders?
44
45 •   select customerID
46     from customers
47     where customerID not in (select customerID from orders);
48
49

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Result Grid			Filter Rows:	<input type="text"/>	Export:		Wrap Cell Content:	
	customerID							
▶	FISSA							
	PARIS							

```

51     # 5. One employee (Margaret Peacock, with EmployeeID = 4) has handled the most orders.
52     # However, there are some customers who have never placed an order with her.
53     # Show only those customers who have never placed an order with her.
54
55
56 •   select customerID
57     from customers
58     where customerID not in (
59         select customerID from orders
60         where employeeID = 4);

```

Result Grid			Filter Rows:	<input type="text"/>	Export:		Wrap Cell Content:	
	customerID							
▶	PERIC							
	GROSR							
	PRINI							
	FISSA							
	SANTG							
	DUMON							
	FRANR							
	VINET							
	PARIS							
	SPECD							
	THEBI							
	LAZYK							
	SEVES							
	NORTS							