

## Table

### Join salesman

salesman_id	name	city	commission
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5005	Pit Alex	London	0.11
5006	Mc Lyon	Paris	0.14
5003	Lauson Hen		0.12
5007	Paul Adam	Rome	0.13

### customer

customer_id	cust_name	city	grade	salesman_id
3002	Nick Rimando	New York	100	5001
3005	Graham Zusi	California	200	5002
3001	Brad Guzan	London		5005
3004	Fabian Johns	Paris	300	5006
3007	Brad Davis	New York	200	5001
3009	Geoff Camero	Berlin	100	5003
3008	Julian Green	London	300	5002
3003	Jozy Altidor	Moscow	200	5007

### Orders

ord_no	purch_amt	ord_date	customer_id	salesman_id
70001	150.5	2012-10-05	3005	5002
70009	270.65	2012-09-10	3001	5005
70002	65.26	2012-10-05	3002	5001
70004	110.5	2012-08-17	3009	5003
70007	948.5	2012-09-10	3005	5002
70005	2400.6	2012-07-27	3007	5001
70008	5760	2012-09-10	3002	5001
70010	1983.43	2012-10-10	3004	5006
70003	2480.4	2012-10-10	3009	5003
70012	250.45	2012-06-27	3008	5002
70011	75.29	2012-08-17	3003	5007
70013	3045.6	2012-04-25	3002	5001

1. Write a SQL statement to prepare a list with salesman name, customer name and their cities for the salesmen and customer who belongs to the same city

2. Write a SQL statement to make a list with order no, purchase amount, customer name and their cities for those orders which order amount between 500 and 2000.

3. Write a SQL statement to know which salesman are working for which customer
4. Write a SQL statement to find the list of customers who appointed a salesman for their jobs who gets a commission from the company is more than 12%.
5. Write a SQL statement to make a list in ascending order for the customer who works either through a salesman or by own
6. Write a SQL statement to make a report with customer name, city, order number, order date, and order amount in ascending order according to the order date to find that either any of the existing customers have placed no order or placed one or more orders.
7. Write a SQL statement to make a list in ascending order for the salesmen who works either for one or more customer or not yet join under any of the customers.

### Aggregate Functions

1. Write a SQL statement to find the total purchase amount of all orders.
2. Write a SQL statement to find the average purchase amount of all orders.
3. Write a SQL statement to find the number of salesmen currently listing for all of their customers.
5. Write a SQL statement find the number of customers who gets at least a gradation for his/her performance  
Write a SQL statement to get the maximum purchase amount of all the orders.
6. Write a SQL statement which selects the highest grade for each of the cities of the customers.
7. Write a SQL statement to find the highest purchase amount ordered by the each customer with their ID and highest purchase amount.  
  
Write a SQL statement to find the highest purchase amount ordered by the each customer on a particular date with their ID, order date and highest purchase amount.  
  
Write a SQL statement to find the highest purchase amount on a date '2012-08-17' for each salesman with their ID.

## Basic

1. Write a SQL statement to display names and city of salesman, who belongs to the city of Paris .
2. Write a SQL statement to display all the information for those customers with a grade of 200
3. Write a SQL query to display the order number followed by order date and the purchase amount for each order which will be delivered by the salesman who is holding the ID 5001.

Write a SQL statement to find those salesmen with all information who come from the city either Paris or Rome

Write a query to filter those salesmen with all information who comes from any of the cities Paris and Rome

Write a query to produce a list of salesman\_id, name, city and commission of each salesman who live in cities other than Paris and Rome.

Write a query to sort out those customers with all information whose ID value is within any of 3007, 3008 and 3009.

Write a SQL statement to find those salesmen with all information who gets the commission within a range of 0.12 and 0.14

Write a query to filter all those orders with all information which purchase amount value is within the range 500 and 4000 except those orders of purchase amount value 948.50 and 1983.43

Write a SQL statement to find those salesmen with all other information and name started with any letter within 'A' and 'K'.

Write a SQL statement to find that customer with all information whose name begins with the letter 'B'.

Write a SQL statement to find those salesmen with all information whose name containing the 1st character is 'N' and the 4th character is 'I' and rests may be any character.