

## Lab Assignment-6

Create three tables salesman, customer and order with following data respectively:

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
5007	Paul Adam	Rome	0.13
5003	Lauson Hen	San Jose	0.12

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

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

Now solve the following query:-

1. WAQ to find the salesperson and customer who belongs to same city.  
Return Salesman, cust\_name and city.
2. WAQ to find those orders where order amount exists between 500 and 2000. Return ord\_no, purch\_amt, cust\_name, city.

3. WAQ to find the salesperson(s) and the customer(s) he handle. Return Customer Name, city, Salesman, commission.
4. WAQ to find those salespersons who received a commission from the company more than 12%. Return Customer Name, customer city, Salesman, commission.
5. WAQ to find those salespersons who do not live in the same city where their customers live and received a commission from the company more than 12%. Return Customer Name, customer city, Salesman, salesman city, commission.
6. WAQ to find the details of an order. Return ord\_no, ord\_date, purch\_amt, Customer Name, grade, Salesman, commission.
7. Write a statement to make a join on the tables salesman, customer and orders in such a form that the same column of each table will appear once and only the relational rows will come.
8. WAQ to display the cust\_name, customer city, grade, Salesman, salesman city. The result should be ordered by ascending on customer\_id.
9. WAQ to find those customers whose grade less than 300. Return cust\_name, customer city, grade, Salesman, salesman city. The result should be ordered by ascending customer\_id.
10. Write a 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.
11. Write a statement to make a report with customer name, city, order no. order date, purchase amount for those customers from the existing list who placed one or more orders or which order(s) have been placed by the customer who is not on the list.