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

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
5007	Paul Adam	Rome	0.13
5003	Lauson Hen	San Jose	0.12

1. From the following table, write a SQL query to find the maximum order (purchase) amount generated by each salesperson. Filter the rows for the salesperson ID is in the range 5003 and 5008 (Begin and end values are included.). Return salesperson id and maximum purchase amount.

2. From the following table, write a SQL query to find the maximum order (purchase) amount in the range 2000, 6000 (Begin and end values are included.) by combination of each customer and order date. Return customer id, order date and maximum purchase amount.

3. From the following table, write a SQL query to find the highest purchase amount on '2012-08-17' by each salesperson. Return salesperson ID, salesperson name, purchase amount.

4. From the following table, write a SQL query to find the highest number of purchase by a customer from the same salesman. Return customer ID, salesperson ID, salesperson name, total number of purchase from that salesman.