Laboratory work #5

Please write SQL queries for following tasks and save as .sql file.

1. Create database called «lab5»
2. Create following table «customers» and «orders»:

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

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

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

3. Select the total purchase amount of all orders.

4. Select the average purchase amount of all orders.

5. Select how many customer have listed their names.

6. Select the minimum purchase amount of all the orders.

7. Select customer with all information whose name ends with the letter 'b'.

8. Select orders which made by customers from 'New York'.

9. Select customers with all information who has order with purchase amount more than 10.

10. Select total grade of all customers.

11. Select all customers who have listed their names.

12. Select the maximum grade of all the customers.