Tbl_Orders

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

Tbl_Customer

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		5005

Tbl_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

Tbl_ItemMaster

PRO_ID	PRO_NAME	PRO_PRICE	PRO_COM
101	Mother Board	3200	15
102	Key Board	450	16
103	ZIP drive	250	14
104	Speaker	550	16
105	Monitor	5000	11
106	DVD drive	900	12
107	CD drive	800	12
108	Printer	2600	13
109	Refill cartridge	350	13
110	Mouse	250	12

Tbl_Department

DPT_CODE	DPT_NAME	DPT_ALLOTMENT
57	IT	65000
63	Finance	15000
47	HR	240000
27	RD	55000
89	QC	75000

Tbl_EmployeeDetails

EMP_IDNO	EMP_FNAME	EMP_LNAME	EMP_DEPT
127323	Michale	Robbin	57
526689	Carlos	Snares	63
843795	Enric	Dosio	57
328717	Jhon	Snares	63
444527	Joseph	Dosni	47
659831	Zanifer	Emily	47
847674	Kuleswar	Sitaraman	57
748681	Henrey	Gabriel	47
555935	Alex	Manuel	57
539569	George	Mardy	27
733843	Mario	Saule	63
631548	Alan	Snappy	27
839139	Maria	Foster	57

Q-1. write a SQL query to calculate total purchase amount of all orders. Return total purchase amount.
Q-2. write a SQL query to calculate the average purchase amount of all orders. Return average purchase amount.
Q-3. write a SQL query that counts the number of unique salespeople. Return number of salespeople.
Q-4. write a SQL query to count the number of customers. Return number of customers.
Q-5. write a SQL query to determine the number of customers who received at least one grade for their activity.
Q-6. write a SQL query to find the maximum purchase amount.
Q-7. write a SQL query to find the minimum purchase amount.
Q-8. write a SQL query to find the highest grade of the customers in each city. Return city, maximum grade.
Q-9. write a SQL query to find the highest purchase amount ordered by each customer. Return customer ID, maximum purchase amount.
Q-10. write a SQL query to find the highest purchase amount ordered by each customer on a particular date. Return, order date and highest purchase amount.
Q-11. write a SQL query to determine the highest purchase amount made by each salesperson on '2012-08-17'. Return salesperson ID, purchase amount.
Q-12. write a SQL query to find the highest order (purchase) amount by each customer on a particular order date. Filter the result by highest order (purchase) amount above 2000.00. Return customer id, order date and maximum purchase amount.
Q-13. 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.
Q-14. write a SQL query to find the maximum order (purchase) amount based on the combination of each customer and order date. Filter the rows for maximum order (purchase) amount is either 2000, 3000, 5760, 6000. Return customer id, order date and maximum purchase amount.
Q-15. write a SQL query to determine the maximum order amount for each customer. The customer ID should be in the range 3002 and 3007(Begin and end values are included.). Return customer id and maximum purchase amount.
Q-16. write a SQL query to find the maximum order (purchase) amount for each customer. The customer ID should be in the range 3002 and 3007(Begin and end values are included.). Filter the rows for maximum order (purchase) amount is higher than 1000. Return customer id and maximum purchase amount.
Q-17. write a SQL query to determine 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.
Q-18. write a SQL query to count all the orders generated on '2012-08-17'. Return number of orders.
Q-19. write a SQL query to count the number of salespeople in a city. Return number of salespeople.
Q-20. write a SQL query to count the number of orders based on the combination of each order date and salesperson. Return order date, salesperson id.
Q-21. write a SQL query to calculate the average product price. Return average product price.
Q-22. write a SQL query to count the number of products whose price are higher than or equal to 350. Return number of products.
Q-23. write a SQL query to compute the average price for unique companies. Return average price and company id.
Q-24. write a SQL query to compute the sum of the allotment amount of all departments. Return sum of the allotment amount.
Q-25. write a SQL query to count the number of employees in each department. Return department code and number of employees.