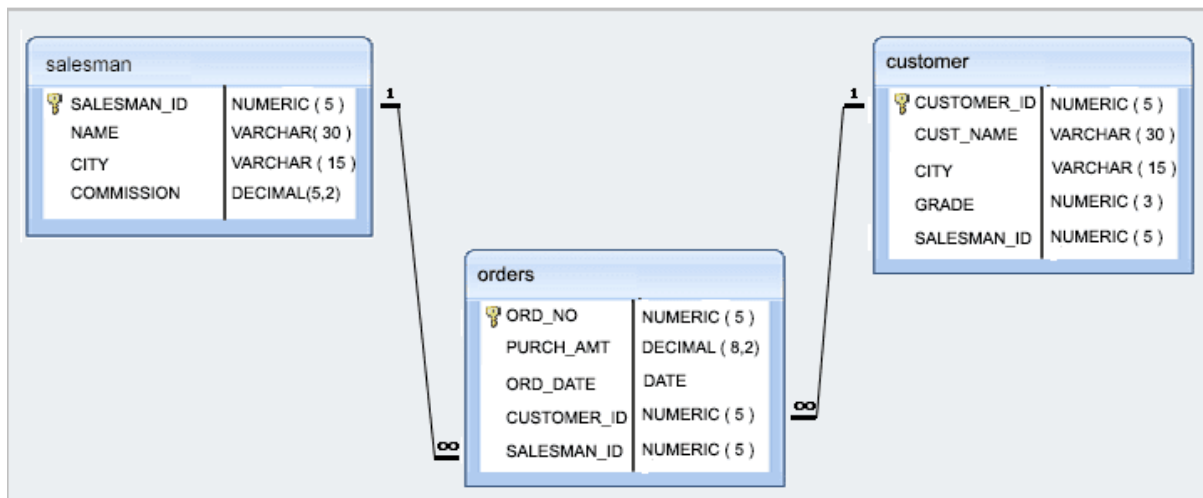


## LAB ASSIGNMENT 8

Create the Database as per the given ER diagram.



### Salesman Table:

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 Table:

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

**Orders Table:**

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

Write the following SQL queries for the given database;

1. Write a query to create a view for those salesmen belongs to the city New York or London or Rome.
2. Write a query to create a view for all customer with columns customer\_id, name, salesman ID and city.
3. Write a query to create a view that finds the salesmen who issued orders on either August 17th, 2012 or October 10th, 2012.
4. Write a query to create a view that finds the salesmen who issued orders on October 10th, 2012.
5. Write a query to create a view that shows the number of orders in each day.
6. Write a query to create a view that shows all matches of customers with salesman such that at least one customer in the city of customer served by a salesman in the city of the salesman.
7. Write a query to create a view that shows the average and total orders for each salesman after his or her name. (Assume all names are unique)
8. Write a query to create a view that shows all of the customers who have the highest grade.
9. Write a query to create a view that finds the salesman who has the customer with the highest order at least 3 times on a day.