Name: Aarya Sanjay Dange

SQL Assignment 04

1) Write a select command that produces the order number, amount, and date for all rows in the Orders table.

➔ mysql> select onum,amt,odate from orders;

2) Write a query that produces all rows from the Customers table for which the salesperson's number is 1001.

➔ mysql> select * from customers where snum=1001;

3) Write a query that displays the Salespeople table with the columns in the following order: city, sname, snum, comm.

➔ mysql> select city, sname, snum, comm from salespeople;

4) Write a select command that produces the rating followed by the name of each customer in San Jose.

➔ mysql> select cname,rating from customers where city='san jose';

5) Write a query that will produce the snum values of all salespeople (suppress the duplicates) with orders in the Orders table.

➔ mysql> select distinct snum from orders;

SQL Assignment 05

1) Write a query that will give you all orders for more than Rs. 1,000.

➔ mysql> select * from orders where amt>1000;

2) Write a query that will give you the names and cities of all salespeople in London with a commission above .10.

➔ mysql> select sname,city from salespeople where city='london' and comm>0.10;

3) Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.

➔ mysql> select * from customers where rating > 100 or city='rome';

4) What will be the output from the following query? Select * from Orders where (amt < 1000 OR NOT (odate = '1990-10-03' AND cnum > 2003));

➔ It will Show all orders where the amount is less than 1000, or where the order date is not 1990-10-03 with a customer number greater than 2003.

5) What will be the output of the following query? Select * from Orders where NOT ((odate = '1990-10-03' OR snum >1006) AND amt >= 1500);

➔ It will exclude all rows having both conditions true:

1. Odate = 1990-10-03 or snum > 1006
2. Amt >= 1500

6) What is a simpler way to write this query? Select snum, sname, city, comm From Salespeople where (comm > .12 OR comm <.14);

➔ mysql> Select * From Salespeople;

SQL Assignment 06

1) Write two different queries that would produce all orders taken on October 3rd or 4th, 1990.

➔ mysql> select * from orders where odate in(' 1990-10-03',' 1990-10-04');

2) Write a query that selects all of the customers serviced by Peel or Motika. (Hint: the snum field relates the two tables to one another).

➔ mysql> select * from customers where snum in(select snum from salespeople where Sname in('Peel','Motika'));

3) Write a query that will produce all the customers whose names begin with a letter from ‘A’ to ‘G’.

➔ mysql> select * from customers where cname >='A' AND cname < 'H';

4) Write a query that selects all customers whose names begin with the letter ‘C’.

➔ mysql> select * from customers where cname LIKE 'C%';

5) Write a query that selects all orders except those with zeroes or NULLs in the amt field.

➔ mysql> select * from ORDERS WHERE AMT!=null or amt!= 0;