**SQL**

**TASK-2**

a) All orders for more than $1000.

Ans. SELECT \* FROM order\_table WHERE AMT>1000;

b) Names and cities of all salespeople in London with commission above 0.10.

Ans. SELECT \* FROM `sales\_person` WHERE CITY='LONDON' AND COMM>0.10;

c) All salespeople either in Barcelona or in London.

Ans. SELECT \* FROM sales\_person WHERE CITY IN('BARCELONA','LONDON');

d) All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).

Ans. SELECT \* FROM sales\_person WHERE COMM BETWEEN 0.10 AND 0.12;

e) All customers with NULL values in city column.

Ans. Select CNAME from customer where CITY is null;

f) All orders taken on Oct 3Rd and Oct 4th 1994.

Ans. SELECT \* FROM order\_table WHERE ODATE in('1994-10-03','1994-10-04');

g) All customers serviced by peel or Motika.

Ans. SELECT \* FROM sales\_person RIGHT JOIN customer ON

sales\_person.SNO=customer.SNO WHERE SNAME IN('PEEL', 'MOTIKA');

h) All customers whose names begin with a letter from A to B

Ans. SELECT \* FROM customer WHERE CNAME LIKE 'A%' OR CNAME LIKE 'B%';

1. All customers excluding those with rating <= 100 unless they are located in Rome.

Ans. SELECT \* FROM customer WHERE RATING<=100 AND CITY='ROME';

j) All orders except those with 0 or NULL value in amt field.

Ans. Select \* from order\_table where AMT != 0 or AMT is not null;

k) Count the number of salespeople currently listing orders in the order table.

Ans. SELECT COUNT('CNM') CNM FROM order\_table;