ASSIGNMENT – 9

1) Write a query that lists each order number followed by the name of the customer who made the order.

```
KD3_86688_swapnil@>select customers.Cname'Customer',salespeople.Sname 'Salesperson',salespeople.comm*100 'Commition rate'from orders,customers,salespeople where custome
rs.Snum=orders.snum and orders.Snum = salespeople.Snum and salespeople.comm >0.12;
+----------+-------------+---------------+
| Customer | Salesperson | Commition rate |
+----------+-------------+---------------+
| cisneros | rifkin      |         15.00 |
| grass    | serres      |         13.00 |
| liu      | serres      |         13.00 |
| cisneros | rifkin      |         15.00 |
| grass    | serres      |         13.00 |
| liu      | serres      |         13.00 |
| grass    | serres      |         13.00 |
| liu      | serres      |         13.00 |
+----------+-------------+---------------+
8 rows in set (0.00 sec)
```

2) Write a query that gives the names of both the salesperson and the customer for each order along with the order number

```
KD3_86688_swapnil@>select salespeople .Sname'salesperson',customers.cname'Customers',onum'Order Number'from orders,customers,salespeople  where Customers.Snum = orders
.Snum and customers.Snum=salespeople.Snum;
+-------------+-----------+--------------+
| salesperson | Customers | Order Number |
+-------------+-----------+--------------+
| rifkin      | cisneros  |         3001 |
| peel        | clemens   |         3003 |
| peel        | hoffman   |         3003 |
| motika      | pereira   |         3002 |
| serres      | grass     |         3005 |
| serres      | liu       |         3005 |
| rifkin      | cisneros  |         3006 |
| axelrod     | giovanni  |         3009 |
| serres      | grass     |         3007 |
| serres      | liu       |         3007 |
| peel        | clemens   |         3008 |
| peel        | hoffman   |         3008 |
| serres      | grass     |         3010 |
| serres      | liu       |         3010 |
| peel        | clemens   |         3011 |
| peel        | hoffman   |         3011 |
+-------------+-----------+--------------+
16 rows in set (0.00 sec)
```

3) Write a query that produces all customers serviced by salespeople with a commission above 12%.
Output the customer's name, the salesperson's name, and the salesperson's rate of commission.

```
KD3_86688_swapnil@>select customers.Cname'Customer',salespeople.Sname 'Salesperson',salespeople.comm*100 'Commition rate'from orders,customers,salespeople where custome
rs.Snum=orders.snum and orders.Snum = salespeople.Snum and salespeople.comm >0.12;
+----------+-------------+----------------+
| Customer | Salesperson | Commition rate |
+----------+-------------+----------------+
| cisneros | rifkin      |          15.00 |
| grass    | serres      |          13.00 |
| liu      | serres      |          13.00 |
| cisneros | rifkin      |          15.00 |
| grass    | serres      |          13.00 |
| liu      | serres      |          13.00 |
| grass    | serres      |          13.00 |
| liu      | serres      |          13.00 |
+----------+-------------+----------------+
8 rows in set (0.00 sec)
```

4) Write a query that calculates the amount of the salesperson's commission on each order by a
customer with a rating above 100

```
KD3_86688_swapnil@>select salespeople.Sname 'Salesperson',orders.onum 'orders',orders.amt*salespeople.comm'Commision' from orders,customers,salespeople where customers.
Rating>100 and salespeople.Snum=orders.snum and orders.snum=customers.Snum;
+-------------+--------+-----------+
| Salesperson | orders | Commision |
+-------------+--------+-----------+
| rifkin      |   3001 |      2.80 |
| serres      |   3005 |    670.86 |
| serres      |   3005 |    670.86 |
| rifkin      |   3006 |    164.72 |
| axelrod     |   3009 |    171.32 |
| serres      |   3007 |      9.85 |
| serres      |   3007 |      9.85 |
| serres      |   3010 |    170.29 |
| serres      |   3010 |    170.29 |
+-------------+--------+-----------+
9 rows in set (0.00 sec)
```