Assignment 9

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

```
KD2-SATYAJEET-86740@>select o.onum,c.cname from customers c,orders o where c.cnum=o.cnum;
+-------+----------+
| onum  | cname    |
+-------+----------+
| 3001  | Cisneros |
| 3003  | Hoffman  |
| 3002  | Pereira  |
| 3005  | Liu      |
| 3006  | Cisneros |
| 3009  | Giovanni |
| 3007  | Grass    |
| 3008  | Clemens  |
| 3010  | Grass    |
| 3011  | Clemens  |
+-------+----------+
10 rows in set (0.00 sec)

KD2-SATYAJEET-86740@>
```

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

```
ich is not functionally dependent on columns in GROUP BY clause; this is incompatible with sql_mode=only_full_group_by
KD2-SATYAJEET-86740@>select s.sname ,c.cname,o.onum from customers c,salespeople s,orders o where c.cnum=o.cnum and s.snum=o.snum ;
+---------+----------+------+
| sname   | cname    | onum |
+---------+----------+------+
| Peel    | Hoffman  | 3003 |
| Axelrod | Giovanni | 3009 |
| Serres  | Liu      | 3005 |
| Serres  | Grass    | 3010 |
| Serres  | Grass    | 3007 |
| Peel    | Clemens  | 3011 |
| Peel    | Clemens  | 3008 |
| Rifkin  | Cisneros | 3006 |
| Rifkin  | Cisneros | 3001 |
| Motika  | Pereira  | 3002 |
+---------+----------+------+
10 rows in set (0.00 sec)

KD2-SATYAJEET-86740@>
```

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.

```
KD2-SATYAJEET-86740@>select c.Cname, s.Sname, s.Comm from salespeople s, customers c where s.snum = c.snum having comm>0.12;
+----------+--------+------+
| Cname    | Sname  | Comm |
+----------+--------+------+
| Liu      | Serres | 0.13 |
| Grass    | Serres | 0.13 |
| Cisneros | Rifkin | 0.15 |
+----------+--------+------+
3 rows in set (0.01 sec)

KD2-SATYAJEET-86740@>
```

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

```
KD2-SATYAJEET-86740@>select o.Onum, s.Snum, c.rating, s.comm*o.amt as Total_commision from salespeople s, customers c, orders o where
 c.cnum=o.cnum and s.snum=o.snum having rating>100;
+------+------+--------+-----------------+
| Onum | Snum | rating | Total_commision |
+------+------+--------+-----------------+
| 3009 | 1003 |    200 |          171.32 |
| 3005 | 1002 |    200 |          670.86 |
| 3010 | 1002 |    300 |          170.29 |
| 3007 | 1002 |    300 |            9.85 |
| 3006 | 1007 |    300 |          164.72 |
| 3001 | 1007 |    300 |            2.80 |
+------+------+--------+-----------------+
6 rows in set (0.00 sec)

KD2-SATYAJEET-86740@>
```