Assignment No 9

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

```
D5_86982_JUILI@>select onum,cname from customers,orders
    -> where customers.cnum=orders.cnum
    -> group by onum,cname;
+------+----------+
| 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)
```

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

```
D5_86982_JUILI@>select sname,cname,onum from salespeople,customers,orders
    -> where salespeople.snum=customers.snum and customers.snum=orders.snum
    -> group by sname,cname,onum;
+---------+----------+------+
| sname   | cname    | onum |
+---------+----------+------+
| 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.

```
D5_86982_JUILI@>select cname,sname,comm from salespeople,customers
    -> where salespeople.snum=customers.snum and comm>0.12
    -> group by cname,sname,comm;
+----------+--------+------+
| cname    | sname  | comm |
+----------+--------+------+
| Liu      | Serres | 0.13 |
| Grass    | Serres | 0.13 |
| Cisneros | Rifkin | 0.15 |
+----------+--------+------+
3 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.

```
D5_86982_JUILI@>select sname,cname,rating,sum(comm) as 'Amount' from customers,salespeople
    -> where salespeople.snum=customers.snum and rating>100
    -> group by sname,cname,rating;
+---------+----------+--------+--------+
| sname   | cname    | rating | Amount |
+---------+----------+--------+--------+
| Serres  | Grass    |    300 |   0.13 |
| Serres  | Liu      |    200 |   0.13 |
| Rifkin  | Cisneros |    300 |   0.15 |
| Axelrod | Giovanni |    200 |   0.10 |
+---------+----------+--------+--------+
4 rows in set (0.00 sec)
```