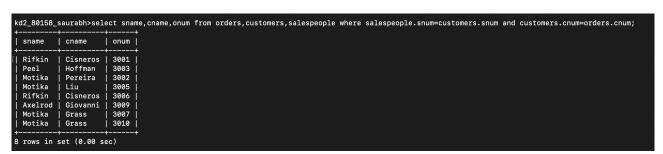# SQL Assignment - 9

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

```
kd2_80158_saurabh>select Onum,Cname from orders, customers where customers.cnum=orders.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 (0.01 sec)
```

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

```
kd2_80158_saurabh>select sname,cname,onum from orders,customers,salespeople where salespeople.snum=customers.snum and customers.cnum=orders.cnum;
+---------+----------+------+
| sname   | cname    | onum |
+---------+----------+------+
| Rifkin  | Cisneros | 3001 |
| Peel    | Hoffman  | 3003 |
| Motika  | Pereira  | 3002 |
| Motika  | Liu      | 3005 |
| Rifkin  | Cisneros | 3006 |
| Axelrod | Giovanni | 3009 |
| Motika  | Grass    | 3007 |
| Motika  | Grass    | 3010 |
+---------+----------+------+
8 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.

```
kd2_80158_saurabh>select cname,sname,salespeople.comm from customers,salespeople where salespeople.snum=customers.snum having comm>0.12;
+----------+--------+------+
| cname    | sname  | comm |
+----------+--------+------+
| Liu      | Serres | 0.13 |
| Grass    | Serres | 0.13 |
| Cisneros | Rifkin | 0.15 |
+----------+--------+------+
3 rows in set (0.00 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.

```
kd2_80158_saurabh>select amt*comm "Total amount" from orders,customers,salespeople where salespeople.snum=customers.snum and customers.cnum=orders.cnum and rating>100;
+--------------+
| Total amount |
+--------------+
|         2.80 |
|       209.01 |
|       567.65 |
|       164.72 |
|       171.32 |
|         8.33 |
|       144.09 |
+--------------+
7 rows in set (0.00 sec)
```