

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 "salesperson's commission",onum,rating from orders,customers,salespeople where salespeople.snum=customers.snum and customers.snum=orders.snum having rating>100;
```

salesperson's commission	onum	rating
2.80	3001	300
670.86	3005	300
670.86	3005	200
164.72	3006	300
171.32	3009	200
9.85	3007	300
9.85	3007	200
170.29	3010	300
170.29	3010	200

9 rows in set (0.00 sec)