

## SQL ASSIGNMENT 9

**Q1) Write a query that lists each order number followed by the name of the customer who made the order.**

```
[kd2_80143_madhurgupta>select Onum, Cname from orders,customers where orders.Cnum = customers.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)
```

**Q2) Write a query that gives the name of both the salesperson and the customer for each order along with the order number.**

```
[kd2_80143_madhurgupta>select Sname, Cname, Onum from orders, customers, salespeople  
-> where salespeople.Snum = customers.Snum and customers.Snum = orders.Snum;
```

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)
```

**Q3) 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_80143_madhurgupta>select Cname, Sname, Comm from customers, salespeople where customers.Snum = salespeople.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)

**Q4) Write a query that calculates the amount of the salesperson's commission on each order by a customer on each order by a customer with a rating above 100.**

```
kd2_80143_madhurgupta>select amt*comm Commission, Onum, rating from orders, customers, salespeople where salespeople.Snum = customers.Snum and customers.Snum = orders.Snum having rating > 100;
```

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)