

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

```
KD3_86710_Tanmay@>select onum'Order Number',Cname'Name of Customer' from orders,customers where orders.cnum = customers.cnum;
```

Order Number	Name of Customer
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.

```
KD3_86710_Tanmay@>select salespeople.Sname 'Salesperson',customers.Cname 'Customer', onum 'Order Number' from orders,customers,salespeople where customers.Snum = orders.Snum and salespeople.Snum = orders.Snum;
```

Salesperson	Customer	Order Number
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.

```
KD3_86710_Tanmay@>select customers.Cname 'Customer',salespeople.Sname'Salesperson',salespeople.comm*100 'Commision rate' from orders,customers,salespeople where customers.Snum=orders.snum and orders.snum = salespeople.Snum and salespeople.comm>0.12;
```

Customer	Salesperson	Commision rate
cisneros	rifkin	15.00
grass	serres	13.00
liu	serres	13.00
cisneros	rifkin	15.00
grass	serres	13.00
liu	serres	13.00
grass	serres	13.00
liu	serres	13.00

8 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.

```
KD3_86710_Tanmay@>select salespeople.Sname 'Salesperson',orders.onum 'orders',orders.amt*salespeople.comm'Commission' from orders,customers,salespeople where customers.Rating>100 and salespeople.Snum=orders.snum and orders.snum=customers.Snum;
```

Salesperson	orders	Commission
rifkin	3001	2.80
serres	3005	670.86
serres	3005	670.86
rifkin	3006	164.72
axelrod	3009	171.32
serres	3007	9.85
serres	3007	9.85
serres	3010	170.29
serres	3010	170.29

9 rows in set (0.00 sec)