

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

```
KD2-87399-Aditya@>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)
```

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

```
KD2-87399-Aditya@>select orders.onum, customers.cname, salespeople.sname from orders, customers, salespeople where orders.snum = customers.snum and customers.snum = salespeople.snum;
```

onum	cname	sname
3001	Cisneros	Rifkin
3003	Clemens	Peel
3003	Hoffman	Peel
3002	Pereira	Motika
3005	Grass	Serres
3005	Liu	Serres
3006	Cisneros	Rifkin
3009	Giovanni	Axelrod
3007	Grass	Serres
3007	Liu	Serres
3008	Clemens	Peel
3008	Hoffman	Peel
3010	Grass	Serres
3010	Liu	Serres
3011	Clemens	Peel
3011	Hoffman	Peel

```
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.

```
KD2-87399-Aditya@>select salespeople.sname, customers.cname, orders.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
Serres	Liu	3005
Rifkin	Cisneros	3006
Axelrod	Giovanni	3009
Serres	Grass	3007
Peel	Clemens	3008
Serres	Grass	3010
Peel	Clemens	3011

```
10 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.

```
KD2-87399-Aditya@>select orders.onum, customers.rating, orders.amt*salespeople.comm "comm_amt" from orders, customers, salespeople where salespeople.snum = customers.snum and customers.cnum = orders.cnum having customers.rating>100;
```

onum	rating	comm_amt
3001	300	2.80
3005	200	670.86
3006	300	164.72
3009	200	171.32
3007	300	9.85
3010	300	170.29

6 rows in set (0.01 sec)