

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

ANS :

```
KD4-89208-Ashish>select onum,cname from orders,customers
```

```
-> where customers.cnum=orders.cnum;
```

```
KD4-89208-Ashish>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.

= KD4-89208-Ashish>select sname,cname,onum from orders,customers,salespeople -> where salespeople.snum=customers.snum and salespeople.snum=orders.snum

-> ;

```
KD4-89208-Ashish>select sname,cname,onum from orders,customers,salespeople ->
where salespeople.snum=customers.snum and salespeople.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 (0.01 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.

=

```
KD4-89208-Ashish>select cname,sname,comm from customers,salespeople  
-> where salespeople.snum=customers.snum and salespeople.comm>.12;
```

```
KD4-89208-Ashish>select cname,sname,comm from customers,salespeople  
-> where salespeople.snum=customers.snum and salespeople.comm>.12;
```

cname	sname	comm
Liu	Serres	0.13
Grass	Serres	0.13
Cisneros	Rifkin	0.15

3 rows in set (0.01 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.

= KD4-89208-Ashish>select amt\*comm,sname,rating from orders,customers,salespeople  
-> where salespeople.snum=customers.snum and salespeople.snum=orders.snum  
-> and rating > 100;

```
KD4-89208-Ashish>select amt*comm,sname,rating from orders,customers,salespeople  
-> where salespeople.snum=customers.snum and salespeople.snum=orders.snum  
-> and rating > 100;
```

amt*comm	sname	rating
2.803500191509727	Rifkin	300
670.8585007836809	Serres	200
670.8585007836809	Serres	300
164.724011672497	Rifkin	300
171.3230005997866	Axelrod	200
9.847499638795853	Serres	200
9.847499638795853	Serres	300
170.29348740601563	Serres	200
170.29348740601563	Serres	300

9 rows in set (0.00 sec)