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

ANS:

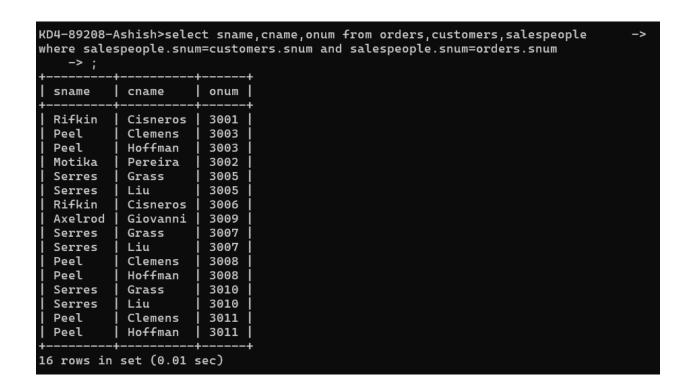
KD4-89208-Ashish>select onum,cname from orders,customers

-> 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

->;



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;

- 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
                                     200
  670.8585007836809
                       Serres
  670.8585007836809
                       Serres
                                     300
    164.724011672497
                       Rifkin
                                     300
                                     200
  171.3230005997866
                       Axelrod
  9.847499638795853
                                     200
                       Serres
  9.847499638795853
                                     300
                       Serres
  170.29348740601563
                       Serres
                                     200
 170.29348740601563
                       Serres
                                     300
9 rows in set (0.00 sec)
```