

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

```
KD2-86669-makarand@>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 (0.00 sec)

KD2-86669-makarand@>
```

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

```
KD2-86669-makarand@>select salespeople.sname,customers.cname,orders.onum from salespeople,customers,orders
-> 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)

KD2-86669-makarand@>
```

**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.**

```
KD2-86669-makarand@>select cname,sname,comm from customers,salespeople
-> where comm > 0.12 and customers.snum = salespeople.snum;
+-----+-----+-----+
|  cname |  sname |  comm |
+-----+-----+-----+
|  Liu | Serres | 0.13 |
| Grass | Serres | 0.13 |
| Cisneros | Rifkin | 0.15 |
+-----+-----+-----+
3 rows in set (0.00 sec)

KD2-86669-makarand@>
```

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

```
KD2-86669-makarand@>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 (0.00 sec)

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```