

- 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 customers.cname, salespeople.sname, salespeople.comm from salespeople, customers 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)
```

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

```
MD2-87399-Aditya@>select orders.onum, customers.rating, orders.amnt*salespeople.comm "comm_amt" from orders, customers, salespeople where salespeople.snum = customers.snum and customers.snum = orders.snum having customers.rating>100;
```

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

9 rows in set (0.00 sec)