

## Assignment 9

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

```
D5_Dhananjay_83761>select onum,cname from CUSTOMERS,ORDERS where ORDERS.cnum=CUSTOMERS.cnum
-> order by onum;
+-----+-----+
| onum | cname |
+-----+-----+
| 3001 | Cisneros |
| 3002 | Pereira |
| 3003 | Hoffman |
| 3005 | Liu |
| 3006 | Cisneros |
| 3007 | Grass |
| 3008 | Clemens |
| 3009 | Giovanni |
| 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.

```
D5_Dhananjay_83761>select sname,cname,onum from ORDERS,CUSTOMERS,SALESPEOPLE
-> where SALESPEOPLE.snum=CUSTOMERS.snum and CUSTOMERS.cnum=ORDERS.cnum
-> order by onum;
+-----+-----+-----+
| sname | cname | onum |
+-----+-----+-----+
| Rifkin | Cisneros | 3001 |
| Motika | Pereira | 3002 |
| Peel | Hoffman | 3003 |
| Serres | Liu | 3005 |
| Rifkin | Cisneros | 3006 |
| Serres | Grass | 3007 |
| Peel | Clemens | 3008 |
| Axelrod | Giovanni | 3009 |
| Serres | Grass | 3010 |
| Peel | Clemens | 3011 |
+-----+-----+-----+
10 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.**

```
D5_Dhananjay_83761>select cname,sname,comm from SALESPEOPLE,CUSTOMERS
-> where comm>0.12 and SALESPEOPLE.snum=CUSTOMERS.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.**

```
D5_Dhananjay_83761>select sname,amt*comm as 'Comm Amount',cname,rating from SALESPEOPLE,CUSTOMERS,ORDERS
where ORDERS.cnum=CUSTOMERS.cnum and CUSTOMERS.snum=SALESPEOPLE.snum and rating>100 order by rating;
```

sname	Comm Amount	cname	rating
Serres	670.86	Liu	200
Axelrod	171.32	Giovanni	200
Rifkin	2.80	Cisneros	300
Rifkin	164.72	Cisneros	300
Serres	9.85	Grass	300
Serres	170.29	Grass	300

6 rows in set (0.00 sec)