

Assignment 9

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

```
W1_83862_Akshay>select orders.Onum,customers.Cname from orders,customers where orders.$num=customers.$num;
+-----+-----+
| Onum | Cname |
+-----+-----+
| 3001 | Cisneros |
| 3003 | Clemens |
| 3003 | Hoffman |
| 3002 | Pereira |
| 3005 | Grass |
| 3005 | Liu |
| 3006 | Cisneros |
| 3009 | Giovanni |
| 3007 | Grass |
| 3007 | Liu |
| 3008 | Clemens |
| 3008 | Hoffman |
| 3010 | Grass |
| 3010 | Liu |
| 3011 | Clemens |
| 3011 | Hoffman |
+-----+-----+
16 rows in set, 2 warnings (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.

```
W1_83862_Akshay>select salespeople.$name,customers.Cname,orders.Onum from salespeople,customers,orders where orders.$num=customers.$num and orders.$num= salespeople.$num;
+-----+-----+-----+
| $name | Cname | Onum |
+-----+-----+-----+
| Rifkin | Cisneros | 3001 |
| Peel | Clemens | 3003 |
| Peel | Hoffman | 3003 |
| Motica | 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, 5 warnings (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.

```
W1_83862_Akshay>select customers.Cname,salespeople.$name,salespeople.comm from customers,salespeople where customers.$num=salespeople.$num and salespeople.comm>0.12;
+-----+-----+-----+
| Cname | $name | comm |
+-----+-----+-----+
| Liu   | Serres | 0.13 |
| Grass | Serres | 0.13 |
| Cisneros | Rifkin | 0.15 |
+-----+-----+-----+
3 rows in set, 3 warnings (0.02 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.

```
W1_83862_Akshay>select Rating, sum(comm) from salespeople,customers where salespeople.$num=customers.$num group by Rating;
+-----+-----+
| Rating | sum(comm) |
+-----+-----+
| 100 | 0.35 |
| 200 | 0.36 |
| 300 | 0.15 |
+-----+-----+
3 rows in set, 2 warnings (0.00 sec)
```