

# Assignment 10

- 1) Write a query that produces all pairs of salespeople who are living in the same city. Exclude combinations of salespeople with themselves as well as duplicate rows with the order reversed.?

Ans→select a.sname,b.sname,a.city from salespeople a,salespeople b where a.city=b.city and a.sname != b.sname and ascii(a.sname)>ascii(b.sname);

```
Command Prompt - mysql -u < >
+-----+-----+-----+
| sname | sname | city |
+-----+-----+-----+
| george | Peel | london |
| george | Motika | london |
| Peel | Motika | London |
+-----+-----+-----+
3 rows in set (0.00 sec)

KD2_mrinali_86706@>delete from salespeople where sname='george';
Query OK, 1 row affected (0.03 sec)

KD2_mrinali_86706@>select a.sname,b.sname,a.city from salespeople a,salespeople b where a.city=b.city and a.sname != b.sname and ascii(a.sname)>ascii(b.sname);
+-----+-----+-----+
| sname | sname | city |
+-----+-----+-----+
| Peel | Motika | London |
+-----+-----+-----+
1 row in set (0.00 sec)

KD2_mrinali_86706@>select a.sname,b.sname,a.city from salespeople a,salespeople b where a.city=b.city and a.sname != b.sname and ascii(a.sname)>ascii(b.sname);
+-----+-----+-----+
| sname | sname | city |
+-----+-----+-----+
| Peel | Motika | London |
+-----+-----+-----+
1 row in set (0.00 sec)

KD2_mrinali_86706@>
```

2) Write a query that produces the names and cities of all customers with the same rating as Hoffman.?

Ans → select cname,city from customers where rating=(select rating from customers where cname='hoffman');

```
Command Prompt - mysql -u x + v
3 rows in set (0.00 sec)

KD2_mrinali_86706@>select cname,city from customers where rating=(select rating from customers where cname='hoffman');
+-----+-----+
| cname | city |
+-----+-----+
| Hoffman | London |
| Clemens | London |
| Pereira | Rome |
+-----+-----+
3 rows in set (0.00 sec)

KD2_mrinali_86706@>select cname,city from customers where rating=(select rating from customers where cname='hoffman');
+-----+-----+
| cname | city |
+-----+-----+
| Hoffman | London |
| Clemens | London |
| Pereira | Rome |
+-----+-----+
3 rows in set (0.00 sec)

KD2_mrinali_86706@>select cname,city from customers where rating=(select rating from customers where cname='hoffman');
+-----+-----+
| cname | city |
+-----+-----+
| Hoffman | London |
| Clemens | London |
| Pereira | Rome |
+-----+-----+
3 rows in set (0.00 sec)

KD2_mrinali_86706@>|
```