

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.

```
W2_87325_Rajvardhan>SELECT S1.S_num AS Salesperson1, S1.S_name AS Name1,
->      S2.S_num AS Salesperson2, S2.S_name AS Name2
-> FROM SALESPEOPLE S1
-> JOIN SALESPEOPLE S2 ON S1.City = S2.City
-> WHERE S1.S_num < S2.S_num;
+-----+-----+-----+-----+
| Salesperson1 | Name1 | Salesperson2 | Name2 |
+-----+-----+-----+-----+
|          1001 | Peel  |          1004 | Motika |
+-----+-----+-----+-----+
1 row in set (0.01 sec)
```

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

```
W2_87325_Rajvardhan>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)
```