

Assignment – 10
Joining a Table to Itself.

- 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.

```
KD3_86927_Vivek@>SELECT
->     sp1.Sname AS Salesperson1,
->     sp2.Sname AS Salesperson2,
->     sp1.city AS City
-> FROM
->     salespeople sp1,
->     salespeople sp2
->     WHERE sp1.city = sp2.city
->     AND sp1.Snum < sp2.Snum;
+-----+-----+-----+
| Salesperson1 | Salesperson2 | City   |
+-----+-----+-----+
| Peel         | Motika       | London |
+-----+-----+-----+
1 row in set (0.00 sec)

KD3_86927_Vivek@>
```

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

```
KD3_86927_Vivek@>SELECT
->     sp1.Sname AS Salesperson1,
->     sp2.Sname AS Salesperson2,
->     sp1.city AS City
-> FROM
->     salespeople sp1,
->     salespeople sp2
->     WHERE sp1.city = sp2.city
->     AND sp1.Snum < sp2.Snum;
+-----+-----+-----+
| Salesperson1 | Salesperson2 | City   |
+-----+-----+-----+
| Peel         | Motika       | London |
+-----+-----+-----+
1 row in set (0.00 sec)

KD3_86927_Vivek@>
```