

## 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.

```
W2_92894_Ekta>SELECT
->     s1.sname AS salesperson1,
->     s2.sname AS salesperson2,
->     s1.city
-> FROM
->     salespeople s1
-> JOIN
->     salespeople s2
->     ON s1.city = s2.city
->     AND s1.snum < s2.snum;
+-----+-----+-----+
| salesperson1 | salesperson2 | city |
+-----+-----+-----+
| Peel         | Motika       | London |
+-----+-----+-----+
1 row in set (0.02 sec)
```

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

```
W2_92894_Ekta>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)
```