

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_86686_Vaibhav@>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)
```

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

```
KD3_86686_Vaibhav@>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)
```