

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.

Ans:-

```
KD3_86718_yagywalky@>select A.cname, A.city, B.rating from customers A, customers B
-> where A.rating=B.rating AND B.cname='Hoffman';
+-----+-----+-----+
| cname | city  | rating |
+-----+-----+-----+
| Hoffman | London | 100    |
| Clemens | London | 100    |
| Pereira | Rome   | 100    |
+-----+-----+-----+
3 rows in set (0.01 sec)
```

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

Ans:-

```
KD3_86718_yagywalky@>select A.sname, B.sname, B.city from salespeople A, salespeople B
-> where A.city=B.city AND A.sname>B.sname;
+-----+-----+-----+
| sname | sname | city  |
+-----+-----+-----+
| Peel  | Motika | London |
+-----+-----+-----+
1 row in set (0.00 sec)
```