

Assignment No : 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_87323_Dhanashri>SELECT
->      s1.Sname AS Salesperson1,
->      s2.Sname AS Salesperson2,
->      s1.City AS 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_87323_Dhanashri>select
->      Cname, City
->      FROM
->      Customers
->      WHERE
->      Rating
->      IN
->      (Select Rating from customers where Cname = 'Hoffman');
+-----+-----+
| Cname  | City |
+-----+-----+
| Hoffman | London |
| Clemens | London |
| Pereira | Rome  |
+-----+-----+
3 rows in set (0.00 sec)
```