

## SQL 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.

```
D6_87105_Pawan@>SELECT a.Sname "NAME(1)", b.Sname "NAME(2)", a.city
-> FROM SALESPEOPLE a, SALESPEOPLE b
-> WHERE a.city = b.city AND a.Sname > b.Sname ;
+-----+-----+-----+
| NAME(1) | NAME(2) | 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.

```
D6_87105_Pawan@>SELECT B.CNAME, B.CITY FROM CUSTOMERS A JOIN CUSTOMERS B on
A.Rating =B.Rating where A.CNAME = "Hoffman" and A.CNAME <> B.CNAME;
+-----+-----+
| CNAME   | CITY   |
+-----+-----+
| Clemens | London |
| Pereira | Rome   |
+-----+-----+
2 rows in set (0.00 sec)
```