

Assignment – 10

Joining a Table to Itself.

Roll No: 87243

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.

```
C:\WINDOWS\system32\CMD.exe - mysql -u 'KD2-87243-kartik' -p
KD2-87243-kartik@>select m.sname, n.sname, m.city from salespeople m, salespeople n where m.city = n.city and m.sname < n.sname;
+-----+-----+
| sname | sname | city |
+-----+-----+
| Motika | Peel  | London |
+-----+-----+
1 row in set (0.00 sec)

KD2-87243-kartik@>
```

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

```
KD2-87243-kartik@>select customers.city, customers.cname from customers where rating = (select rating from customers where cname = 'Hoffman');
+-----+-----+
| city | cname |
+-----+-----+
| London | Hoffman |
| London | Clemens |
| Rome   | Pereira |
+-----+-----+
3 rows in set (0.06 sec)
```