

## 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.

```
W2_89692_Aditya>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)
```

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

```
W2_89692_Aditya>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 (0.01 sec)
```