

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_93165_Shivakanya> select a.Sname,b.Sname,a.City
-> from SalesPeople a,SalesPeople b
-> where a.City=b.City AND a.Snum<b.Snum;
+-----+-----+-----+
| Sname | Sname | 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.

```
W2_93165_Shivakanya> select b.Cname,b.Rating,b.City
-> from Customers b,Customers a
-> where a.Rating=b.Rating AND a.Cname='Hoffman' AND b.Cname!='Hoffman';
+-----+-----+-----+
| Cname | Rating | City |
+-----+-----+-----+
| Clemens | 100 | London |
| Pereira | 100 | Rome |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

By Using Sub-Query:

```
W2_93165_Shivakanya> select Cname,City
-> from Customers c
-> where rating=(select rating from customers where Cname='Hoffman');
+-----+-----+
| Cname | City |
+-----+-----+
| Hoffman | London |
| Clemens | London |
| Pereira | Rome |
+-----+-----+
3 rows in set (0.17 sec)
```