

Assignment – 10 Solution
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.

```
mysql> select A.snum as Salesperson1_ID, A.Sname as Salesperson1_Name,  
-> B.snum as Salesperson2_ID, B.Sname as Salesperson2_Name, A.city  
-> from salespeople A, salespeople B  
-> where A.city = B.city and A.snum < B.snum;
```

Salesperson1_ID	Salesperson1_Name	Salesperson2_ID	Salesperson2_Name	city
1001	Peel	1004	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.

```
mysql> select cname, city from customer  
-> where rating = (select rating from customer where cname = "Hoffman");
```

cname	city
Hoffman	London
Clemens	London
Pereira	Rome

3 rows in set (0.01 sec)