

Assignment – 10

Joining a Table to Itself.

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- 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 s1.sname AS salespeople_1,  
-> s2.sname AS salespeople_2,s1.city  
-> from salespeople s1  
-> JOIN salespeople s2 ON s1.city=s2.city  
-> where s1.snum < s2.snum;  
+-----+-----+-----+  
| salespeople_1 | salespeople_2 | city |  
+-----+-----+-----+  
| Peel          | Motika        | London |  
+-----+-----+-----+  
1 row in set (0.03 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 customers  
-> where Rating=(select rating from customers where cname='Hoffman');  
+-----+-----+  
| cname | city |  
+-----+-----+  
| Hoffman | London |  
| clemens | London |  
| Pereira | Rome |  
+-----+-----+  
3 rows in set (0.10 sec)
```