

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.

```
mysql> SELECT
->     s1.Sname AS Salesperson1,
->     s2.Sname AS Salesperson2,
->     s1.City AS City
-> FROM
->     Salespeople s1
-> JOIN
->     Salespeople s2 ON s1.City = s2.City
-> WHERE
->     s1.Snum < s2.Snum;

+-----+-----+-----+
| Salesperson1 | Salesperson2 | City   |
+-----+-----+-----+
| Peel         | Motika       | London |
+-----+-----+-----+
1 row in set (0.01 sec)
```

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

```
mysql> SELECT
->     Cname AS CustomerName,
->     City
-> FROM
->     Customers
-> WHERE
->     Rating = (SELECT Rating FROM Customers WHERE Cname = 'Hoffman');

+-----+-----+
| CustomerName | City   |
+-----+-----+
| Hoffman      | London |
| Clemens      | London |
| Pereira      | Rome   |
+-----+-----+
3 rows in set (0.01 sec)
```