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 'Salesperson 1',
    -> s2.Sname AS 'Salesperson 2',
    -> s1.City AS 'City'
    -> FROM salespeople s1
    -> JOIN salespeople s2
    -> ON s1.City = s2.City
    -> AND s1.Snum < s2.Snum;
+---------------+---------------+---------+
| Salesperson 1 | Salesperson 2 | City    |
+---------------+---------------+---------+
| Peel          | Motika        | London  |
+---------------+---------------+---------+
1 row in set (0.01 sec)

mysql>
```

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

```
mysql> SELECT
    -> Cname AS 'Customer Name',
    -> City AS 'City'
    -> FROM customers
    -> WHERE Rating = (SELECT Rating FROM customers WHERE Cname = 'Hoffman'
    -> );
+---------------+--------+
| Customer Name | City   |
+---------------+--------+
| Hoffman       | London |
| Clemens       | London |
| Pereira       | Rome   |
+---------------+--------+
3 rows in set (0.00 sec)
```