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_93085_Tejal SELECT
    ->    s1.Sname AS salesperson_1,
    ->    s2.Sname AS salesperson_2,
    ->    s1.City AS shared_city
    -> FROM
    ->    SALESPEOPLE s1, SALESPEOPLE s2
    -> WHERE
    ->    s1.City = s2.City
    ->    AND s1.Snum < s2.Snum;
+---------------+---------------+-------------+
| salesperson_1 | salesperson_2 | shared_city |
+---------------+---------------+-------------+
| Peel          | Motika        | London      |
| Peel          | Motika        | London      |
+---------------+---------------+-------------+
2 rows in set (0.01 sec)
```

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

```
W2_93085_Tejal SELECT
    ->    c1.Cname AS customer_name,
    ->    c1.City AS customer_city,
    ->    c1.Rating AS rating
    -> FROM
    ->    CUSTOMERS c1, CUSTOMERS c2
    -> WHERE
    ->    c1.Rating = c2.Rating
    ->    AND c2.Cname = 'Hoffman'
    ->    AND c1.Cname <> 'Hoffman';
+-----------------+-----------------+--------+
| customer_name   | customer_city   | rating |
+-----------------+-----------------+--------+
| Clemens         | London          |    100 |
| Pereira         | Rome            |    100 |
+-----------------+-----------------+--------+
2 rows in set (0.00 sec)
```