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.

Query : select a.sname, b.sname, a.city from salespeople a, salespeople b where a.city = b.city and a.snum<b.snum;

```
D3_92969_Dhananjay>select a.sname, b.sname, a.city from salespeople a, salespeople b where a.city = b.city and a.snum<b.snum;
+--------+--------+--------+
| sname  | sname  | city   |
+--------+--------+--------+
| Peel   | Motika | London |
+--------+--------+--------+
1 row in set (0.00 sec)
```

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

SELECT cname, city FROM customers WHERE rating = (SELECT rating FROM customers WHERE cname = 'Hoffman');

```
D3_92969_Dhananjay>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 (0.00 sec)
```