<u>*Assignment – 10*</u>
<u>**Joining a Table to Itself.**</u>

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.

```
D3_92819_Shubham>select a.city, a.sname, b.sname from salespeople a, salespeople b
    -> where a.city = b.city;
+-----------+---------+---------+
| city      | sname   | sname   |
+-----------+---------+---------+
| London    | Motika  | Peel    |
| London    | Peel    | Peel    |
| San Jose  | Serres  | Serres  |
| London    | Motika  | Motika  |
| London    | Peel    | Motika  |
| Barcelona | Rifkin  | Rifkin  |
| New York  | Axelrod | Axelrod |
+-----------+---------+---------+
7 rows in set (0.00 sec)
```

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

```
D3_92819_Shubham>select a.cname, a.city from customers a join customers b
    -> on a.cnum = b.cnum
    -> where a.rating = (select rating from customers where cname = 'Hoffman');
+---------+--------+
| cname   | city   |
+---------+--------+
| Hoffman | London |
| Clemens | London |
| Pereira | Rome   |
+---------+--------+
3 rows in set (0.00 sec)
```