

DBT Assignment-10

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.

```
select s1.sname Salesperson1, s2.sname Salesperson2, s1.city
from salespeople s1
join salespeople s2 on s1.city = s2.city
where s1.sname < s2.sname;
```

```
mysql> select s1.sname Salesperson1, s2.sname Salesperson2, s1.city
-> from salespeople s1
-> join salespeople s2 on s1.city = s2.city
-> where s1.sname < s2.sname;
+-----+-----+-----+
| Salesperson1 | Salesperson2 | city   |
+-----+-----+-----+
| Motika       | Peel         | London |
+-----+-----+-----+
```

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');
```

```
mysql> select cname, city from customers
-> where rating =
-> (select rating from customers
-> where cname = 'Hoffman');
+-----+-----+
| cname   | city   |
+-----+-----+
| Hoffman | London |
| Clemens | London |
| Pereira | Rome   |
+-----+-----+
```