

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.

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

```
03_92972_Shubham>select a.sname, b.sname from salespeople a, salespeople b where a.sname < b.sname and a.city = b.city;
+-----+-----+
| sname | sname |
+-----+-----+
| Motika | Peel  |
+-----+-----+
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');

```
03_92972_Shubham>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)
```

Select cname,city from customers where rating = (select rating from customers where cname = 'Hoffman') and cname != 'Hoffman';

```
03_92972_Shubham>Select cname,city from customers where rating = (select rating from customers where cname = 'Hoffman') and cname != 'Hoffman';
+-----+-----+
| cname | city |
+-----+-----+
| Clemens | London |
| Pereira | Rome  |
+-----+-----+
2 rows in set (0.00 sec)
```