

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 join salespeople b
```

```
on a.Sname>b.Sname and a.city = b.city;
```

```
D3_93025_Omkar>select a.Sname,b.Sname,a.City from salespeople a join salespeople b
-> on a.Sname>b.Sname and a.city = b.city;
+-----+-----+-----+
| Sname | Sname | City  |
+-----+-----+-----+
| Peel  | Motika | London |
+-----+-----+-----+
```

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

```
select a.Cname,b.city from customers a join customers b
```

```
-> on a.Cnum = b.Cnum
```

```
-> where a.rating = (select rating from customers where cname = 'Hoffman');
```

```
D3_93025_Omkar>select a.Cname,b.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  |
+-----+-----+
```