

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

```
W1_89793_Saurabh>Select a.sname, b.sname ,
a.city from salespeople a , salespeople b
where a.city=b.city and a.sname<b.sname;
+-----+-----+-----+
| sname  | sname  | city   |
+-----+-----+-----+
| Motika | Peel   | 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 a.cname,a.city, a.rating from customers a, customers b where b.cname="Hoffman" and b.rating=a.rating;

```
W1_89793_Saurabh>select a.cname,a.city, a.rating from
customers a, customers b where b.cname="Hoffman" and
b.rating=a.rating;
+-----+-----+-----+
| cname   | city    | rating |
+-----+-----+-----+
| Hoffman | London  | 100    |
| Clemens | London  | 100    |
| Pereira | Rome    | 100    |
+-----+-----+-----+
3 rows in set (0.00 sec)
```