

Name: Pavan A Padole
Roll no: 200240520063

******* 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 distinct s1.sname,s2.sname  
From salespeople s1, salespeople s2  
Where s1.sname > s2.sname And s1.city=s2.city;
```

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

Query:

```
mysql> Select c1.rating,c1.cname,c2.city FROM customers c1,customers c2 WHERE c1.rating=c2.rating  
GROUP BY c1.cname HAVING c1.rating=(Select rating FROM customers WHERE cname='Hoffman');
```