

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.

```
mysql> SELECT A.Sname, B.Sname
-> FROM SALESPEOPLE A
-> JOIN SALESPEOPLE B ON A.City = B.City AND A.Snum < B.Snum;
+-----+-----+
| Sname | Sname |
+-----+-----+
| Peel  | Motika |
+-----+-----+
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.

```
mysql> select Cname, City from customers where rating > (select rating from customers where cname = 'Hoffman');
+-----+-----+
| Cname | City |
+-----+-----+
| Giovanni | Rome |
| Liu      | San Jose |
| Grass    | Berlin |
| Cisneros | San Jose |
+-----+-----+
4 rows in set (0.01 sec)
```