**ASSIGNMENT 10**

**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> USE salesdb;

Database changed

mysql> SELECT A.Sname AS Salesperson1, B.Sname AS Salesperson2, A.City

-> FROM SALESPEOPLE A

-> JOIN SALESPEOPLE B

-> ON A.City = B.City

-> AND A.Snum < B.Snum;

+--------------+--------------+--------+

| Salesperson1 | Salesperson2 | City |

+--------------+--------------+--------+

| Peel | Motika | London |

+--------------+--------------+--------+

1 row in set (0.01 sec)

mysql>

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 |

+---------+--------+

| Hoffman | London |

| Clemens | London |

| Pereira | Rome |

+---------+--------+

3 rows in set (0.02 sec)

mysql>