***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 s1.Sname as salesperson1,s2.Sname as salesperson2,s1.City from salespeople s1 join salespeople s2 on s1.City = s2.City and s1.Snum < s2.Snum;

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

| salesperson1 | salesperson2 | City |

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

| peel | Motika | london |

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

1 row in set (0.01 sec)

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

mysql> select c.Cname,c.City from customers c where c.Rating = (select Rating from cus

tomers where Cname = 'Hoffman');

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| Cname | City |

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

| Hoffman | London |

| Clemens | London |

| Pereira | Rome |

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

3 rows in set (0.01 sec)