***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.

**Ans :-**

**SELECT s1.Sname AS Salesperson1, s2.Sname AS Salesperson2, s1.City**

**-> FROM salespeople s1**

**-> JOIN salespeople s2 ON s1.City = s2.City**

**-> WHERE s1.Snum < s2.Snum;**

**+--------------+--------------+--------+**

**| Salesperson1 | Salesperson2 | City |**

**+--------------+--------------+--------+**

**| Amit | Vikram | Pune |**

**| Peel | Motika | London |**

**| Peel | Motika | London |**

**| Peel | Motika | London |**

**| Peel | Motika | London |**

**+--------------+--------------+--------+**

**ANS OF 2ND Q :-**

**mysql> SELECT c.Cname, c.City**

**-> FROM customers c**

**-> WHERE c.Rating = (SELECT Rating FROM customers WHERE Cname = 'Hoffman');**

**+---------+--------+**

**| Cname | City |**

**+---------+--------+**

**| Rahul | Pune |**

**| Hoffman | London |**

**| Clemens | London |**

**| Pereira | Rome |**

**+---------+--------+**

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

*Sameer Dehadrai* Page: 1