

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.Snum AS Salesperson_1_ID,

-> s1.Sname AS Salesperson_1_Name,

-> s2.Snum AS Salesperson_2_ID,

-> s2.Sname AS Salesperson_2_Name,

-> s1.City AS Shared_City

-> FROM Salespeople s1, Salespeople s2

-> WHERE s1.City = s2.City

-> AND s1.Snum < s2.Snum;

Salesperson_1_ID	Salesperson_1_Name	Salesperson_2_ID	Salesperson_2_Name	Shared_City
1001	Peel	1004	Motika	London

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

Ans: Select Cname,City from customers

-> where rating=(Select rating from customers

-> where Cname ='Hoffman');

Cname	City
Hoffman	London
Clemens	London
Pereira	Rome