

Assignment 7

(Subquery in SQL)

Table 1: SalesPeople

Snum is Primary key

Sname is Unique constraint

Snum	Sname	City	Comm
1001	Peel	London	0.12
1002	Serres	Sanjose	0.13
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15
1003	Axelrod	New York	0.10

Table 2: Customers

Cnum is Primary Key

City has not null constraint.

Snum is foreign key constraint refers Snum column of SalesPeople table.

Cnum	Cname	City	Snum
2001	Hoffman	London	1001
2002	Giovanni	Rome	1003
2003	Liu	Sanjose	1002
2004	Grass	Berlin	1002
2006	Clemens	London	1001
2008	Cisneros	Sanjose	1007
2007	Pereira	Rome	1004

Table 3: Orders

Onum is Primary key

Cnum is foreign key refers to Cnum column of Customers table.

Snum is foreign key refers Snum column of SalesPeople table.

Onum	Amt	Odate	Cnum	Snum
3001	18.69	3-10-1990	2008	1007
3003	767.19	3-10-1990	2001	1001
3002	1900.10	3-10-1990	2007	1004
3005	5160.45	3-10-1990	2003	1002
3006	1098.16	3-10-1990	2008	1007
3009	1713.23	4-10-1990	2002	1003
3007	75.75	4-10-1990	2004	1002
3008	4273.00	5-10-1990	2006	1001
3010	1309.95	6-10-1990	2004	1002
3011	9891.88	6-10-1990	2006	1001

- 1) Create the above three tables and insert those records.
- 2) Display all the salesperson whose all orders worth is more than Rs. 2000.
- 3) Display the salesperson id handling at least two customers.
- 4) Display the salesperson names handling at least two customers.
- 5) Display the number of Salespeople belonging to London and Paris.
- 6) Display the customer names corresponding to salesperson belonging to London and Paris.
- 7) Display the customer names whose order amount is worth 1200.
- 8) Display the customer names who belong to the same city as their salesperson.
- 9) Display the salesperson names having commission more than 10 percent and who handled more than two customers.
- 10) Display the customer's name who orders exactly one order and his salesperson name.
- 11) Insert the details of a salesperson in the table who is a new joined and did not handle any customer. Write a query for the salesperson who has not handle any customer.
- 12) Write a query that counts the number of Salespeople registering orders for each day.
- 13) Find out the no. of Salesperson who belongs to same city and have same commission percentage.