

GAIN PRACTICE ON SQL USING THE TABLES AND QUESTIONS GIVEN BELOW.

Salespeople

SNUM	SNAME	CITY	COMM
1001	Peel	London	.12
1002	Serres	San Jose	.13
1004	Motika	London	.11
1007	Rifkin	Barcelona	.15
1003	AxelRod	New York	.10
1005	Fran	London	.26

Customers

CNUM	CNAME	CITY	RATING	SNUM
2001	Hoffman	London	100	1001
2002	Giovanni	Rome	200	1003
2003	Liu	San Jose	200	1002
2004	Grass	Berlin	300	1002
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007
2007	Pereira	Rome	100	1004

Orders

ONUM	AMT	ODATE	CNUM	SNUM
3001	18.69	10/03/96	2008	1007
3003	767.19	10/03/96	2001	1001
3002	1900.10	10/03/96	2007	1004
3005	5160.45	10/03/96	2003	1002
3006	1098.16	10/03/96	2008	1007
3009	1713.23	10/04/96	2002	1003
3007	75.75	10/04/96	2002	1003
3008	4723.00	10/05/96	2006	1001
3010	1309.95	10/06/96	2004	1002
3010	9891.88	10/06/96	2006	1001

Queries

1. List information of all the salespeople.
2. List all Customers with a rating of 100.
3. Find all customers with city is NULL,if city is null then display it as “not mentioned”.
4. Find which salespeople whith atleast 2 orders.
5. List names of all customers and salespeople serving them.

6. Find the names and numbers of all salespeople who had more than 2 customer.
7. List all customer who live in same city of salespeople
8. Find the largest order taken by each salespeople.
9. Find all customers with orders on October 3.
10. Find all pairs of customers having the same rating.
11. Find all customers located in cities where Serres(SNUM 1002) has customers.
12. Find all orders with amounts smaller than any amount for a customer in San Jose.
13. Write a query that calculates the amount of the salespeople's commission on each order by a customer with a rating above 100.00.
14. select all salespeople(by name and number) who have customers in their cities who they do not service
15. Write a query that will find all salespeople who have no customers located in their city.
16. Write a query that selects all customers whose names begin with 'C' or 'G' or 'L. (note write by using both like and REGEP)
17. Write a query on the Customers table will find the highest rating in each city. Put the output in this form: for the city(city) the highest rating is : (rating).
18. Which is the date, order number, amt and city for each salespeople(by name) for the maximum order he has obtained?

Q2. Write a procedure to display all customer names, who has brought product from Serres, and rating > 200

Q3. Write a procedure (use Cursors) which will return designation for salesman based on commission percent
 If it is in range 0.9 to 0.13 then junior
 If it is 0.13 to 0.17 then assistant otherwise Senior

Q4. Write a insert and update before trigger for table customer

Insert data in customor_monitor

To store data (custid, oldcustname, new custname, oldrating , new rating, user() ,date, action)

Q5. Write a function to generatecode, to generate code for every customer

Which is combination of 3 letters/digit of (cname and city, cid)