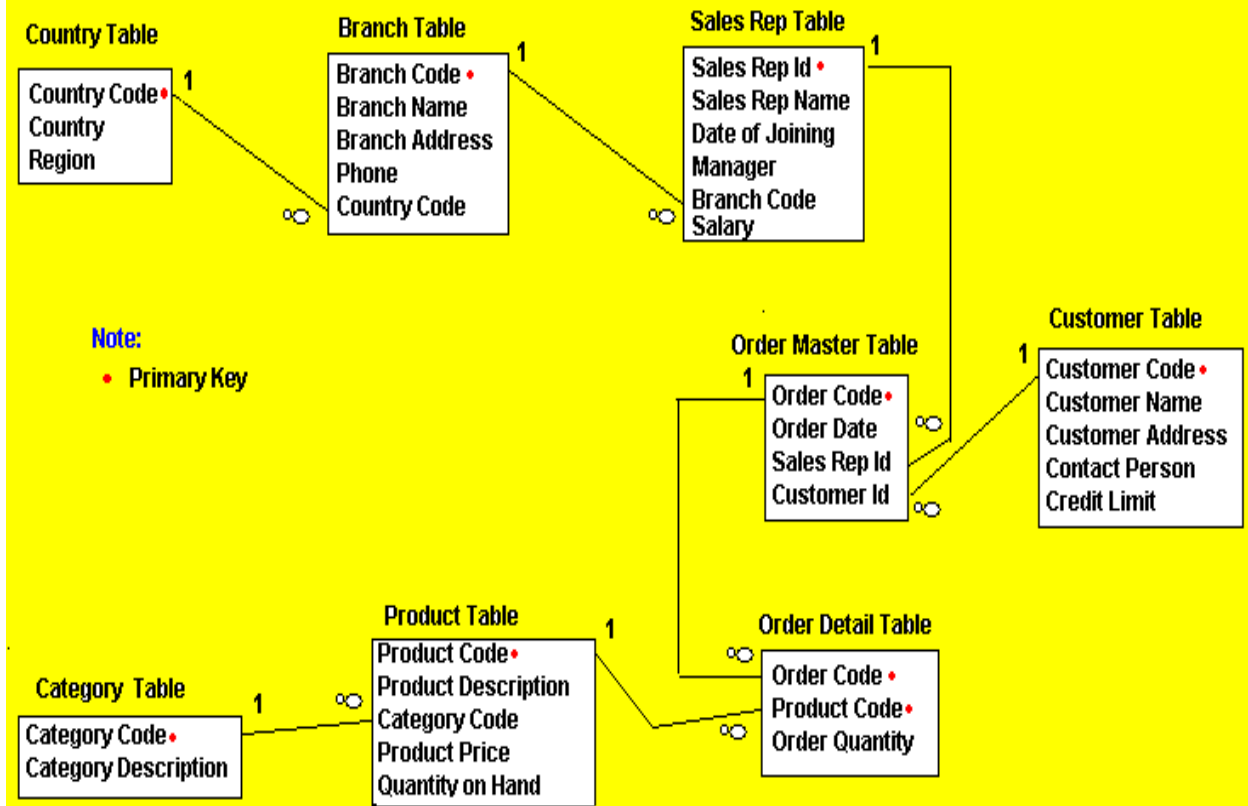


Sales Order System



Tables:

1. Categories
2. Customers
3. Countries
4. Products
5. Branches
6. Sales_rep
7. Order_master
8. Order_details

Write Queries for the given Requirement:

1. Which category has maximum products
2. Which category has minimum products?
3. Which category has no products?
4. Which is the costliest product?
5. Which category has costliest product?
6. Which category has lot of products (with respect to quantity on hand)?
7. Category wise display the costliest products?
8. Category wise display the product whose quantity on hand is minimum?
9. Which order has maximum products?
10. Which is the frequently ordered product?
11. Which product is least ordered product?
12. What product is not at all ordered?
13. Which is the costliest order? (Calculate the bill)
14. In which date the costliest order made?
15. Which customer made the costliest order?
16. Which customer made the costliest order today?
17. Generate the report like

Customer name	Cust_addr	Order code	Order date	No_of_products_ordered	Total Bill
---------------	-----------	------------	------------	------------------------	------------

18. Write query the customers who are eligible for home delivery (if tot_bill >= 5000)?
19. Which country has maximum branches?
20. Which country has minimum branches?
21. Which country has no branches?
22. Which branch has more sales representatives?
23. Which branch has less sales representatives?
24. Which branch has no sales representatives?
25. Who is the active sales rep?
26. Display all the manager's names?
27. Display the sales rep that who has joined before their manager?
28. Display the sales rep that who earns more than their manager?
29. Display the manager who earns more than average salary of the sales rep working under them.
30. Display the sales rep details that who started their work immediately?
31. Display the sales rep that who is in bench for a long time?
32. Display the details of in-active sales representatives.

33. Generate the report like

Sales_rep_id	Sales_rep_name	salary	Total_orde_value	Commission(5% of bill)
--------------	----------------	--------	------------------	------------------------

34. Generate the report like

Sales_rep_name	Order_code	Bill_value
----------------	------------	------------

35. Generate the report like

Sales_rep_name	Order_code	No_of_products(in order)
----------------	------------	--------------------------

36. Generate the report like

Sales_rep_name	Order_code	Bill_value	No_of_products(in order)
----------------	------------	------------	--------------------------

And

- A. For the orders placed on the year 2010
 - B. For the sales rep who has placed not more than 10 orders
 - B. For the sales rep whose salary >45000
37. Who is the senior most sales rep?
38. Find the no of orders processed by junior most sales rep
39. Find the no of orders processed by each month in the year 2010?
40. Which region is having in-active sales rep (using joins?)
41. Which region is having junior most sales rep?
42. Find the no of orders whose bill is less than 500?
43. What is the frequently ordered product by the most active customer?
44. What are all the products are not ordered by active customer?
45. Display the orders which can't be processed immediately?
(Hint: where order quantity>qoh)
46. Complete order report

Cust_name	Cust_address	Order_code	Product_id	Product_name	Order_date
-----------	--------------	------------	------------	--------------	------------

47. What is the order of execution of clauses????

Select
From
Where

Group by
Having
Order by

- 48. Department wise who is the maximum salary earner?
- 49. Find the Top-10 active customers based on no. of orders?
- 50. Find the Top-5 orders based on bill value.
- 51. Display the sales rep that who processed the orders ORD11 and ORD15.
- 52. Generate a report like 'worker works for manager'

Ex:

Ramesh works for Suresh

Suresh works for naresh