

AIM

Database schema for a customer sale database scenario

customer(cust_id,cust_name) primary key(cust_id).

Item(item_id,item_name,price) primary key(item_id)

Sale(bill_no,bill_date,cust_id,item_id,qty_sold) primary key(bill_no),foreign
key(cust_id),foreign key(item_id).

- a. Create the tables with appropriate integrity constraints.Insert around 5 records in each of the tables.
- b. List all the bills for the current date with the customer name and item_no.
- c. List the total bill detail with the quantity sold, price of the item and final amount.
- d. List the details of the customer who have brought a product which has price>200.
- e. Give a count of how many product have been brought by each customer.
- f. Give a list of product brought by a customer having cust_id as 5.
- g. List the item details which are sold as of today.

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Create table sales_order with following fields orderno(unique key begins with 'o'), clientno (foreign key), orderdate. Create table client_master with following fields clientno (primary key), cname, city. Create table salesman_master with fields salesmanno(primary key), sname, city.

- a. Retrieve all orders placed by a client name Rahul.
- b. Retrieve the names of all clients and salesman in the city Mumbai.
- c. Retrieve the orderno, cname and order date from client_master and sales_order table.