**Use Data Modeler to design a Database schema for a customer-sale scenario as shown below.**

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).

Find

a.         Create the tables using data modeler.

             Insert around 10 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.

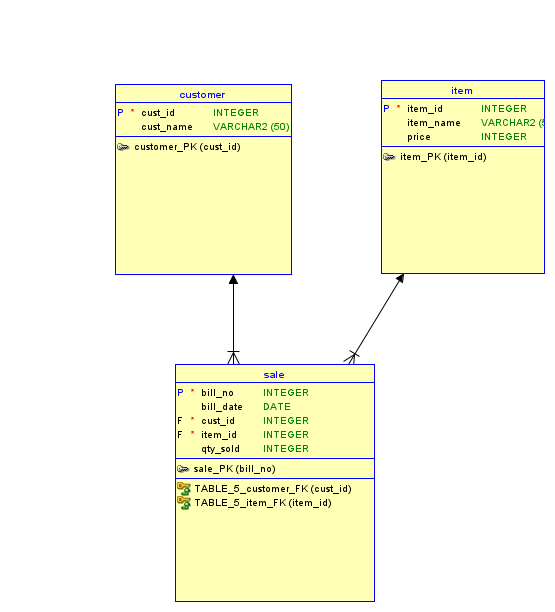
e.      Give a count of how many product have been brought by each customer.

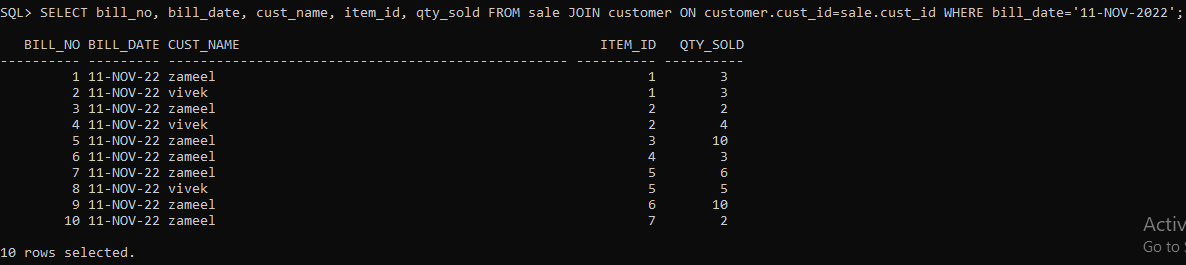
f.       Give a list of product brought by a customer having cust\_id  5.

g.      List the item details which are sold as of today.

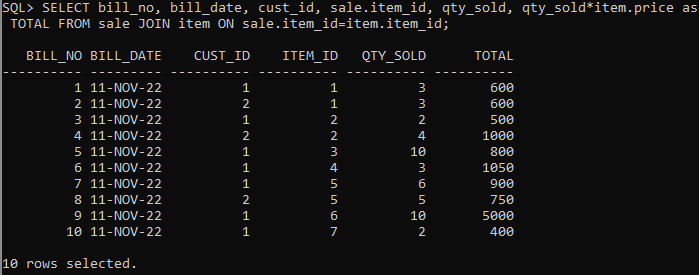
**Answers:**



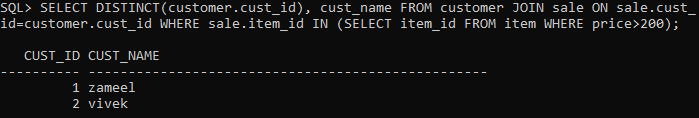


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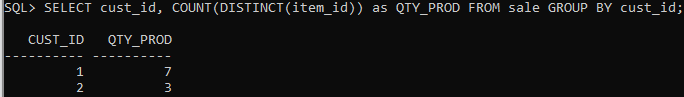


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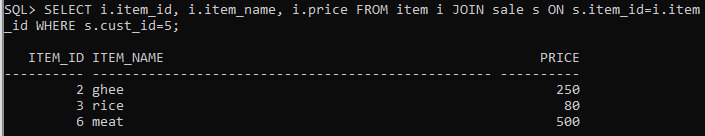


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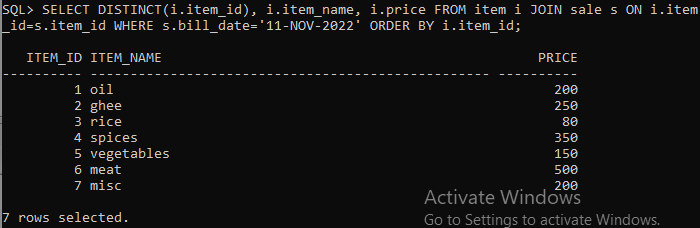


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