**THE TAL DISTRIBUTORS DATABASE**

The management of TAL Distributors, a wholesaler of finely crafted wooden toys, games, and puzzles, maintains customer, order, and inventory data using its manual systems. With the data stored in a database.

Management has determined that TAL Distributors must maintain the following information about its sales reps, customers, and inventory in the database:

* The number, last name, first name, address, total commission, and commission rate for each sales rep
* The customer number, name, address, current balance, and credit limit for each customer, as well as the number of the sales rep who represents the customer
* The item number, description, number of units on hand, category, number of the storehouse where the item is stored, and unit price for each item in inventory

TAL Distributors must store following information about orders:

* Each order contains one or more order lines
* Each order line contains an item number, an item description, the number of units of the item ordered, and the quoted price for the item
* Each order line also contains a total, which is the result of multiplying the number ordered by the quoted price
* The bottom of the order contains the order total. Total is not stored, but a calculated field

TAL Distributors also stores the following items in the database for each customer’s order:

* Order number, order date, and the number of the customer that placed the order.
* Customer’s name and address and the number of the sales rep who represents the customer are stored with the customer information
* Name of the sales rep is stored with the sales rep information

Here is some sample data:



