Superstore Management System

What does this program do?

This is a database system for managing a superstore, similar to how Walmart or Target might track their business data. It handles three main things:

1. Products (what's being sold)
2. Customers (who's buying)
3. Orders (what's being bought)

Main Features:

1. Show Records (Option 1):
   - Shows all data in nice tables
   - You can choose to see:
     - Orders (with all details)
     - Customer list
     - Product list
2. Insert Records (Option 2):
   - Add new orders
   - Add new customers
   - Choose products from list
   - Automatically calculates:
     - Discounts (based on quantity ordered)
     - Sales amount
     - Profit
3. Update Records (Option 3):
   - Change existing information
   - Can update:
     - Order details
     - Customer information
     - Product details
     - Sales information
4. Delete Records (Option 4):
   - Remove orders
   - Remove customer information
   - Remove product information
5. Alter Table (Option 5):
   - Modify database structure
   - Add new columns
   - Rename columns

- Rename tables
6. Describe Table (Option 6):
    - Shows how tables are structured
    - What information each table can store
    - What type of data each column holds
7. Download as CSV (Option 7):
    - Export data to Excel-compatible files
    - Choose what data to export:
        - Orders
        - Customers
        - Products

Special Features:

- Predefined categories for products (Furniture, Office Supplies, Technology)
- Automatic discount calculation:
    - 20% off for 50+ items
    - 15% off for 20-49 items
    - 10% off for 10-19 items
    - 5% off for 5-9 items
- Different profit margins based on product price:
    - 25% for expensive items ($500+)
    - 30% for medium-priced items ($100-$499)
    - 35% for lower-priced items (under $100)

How to Use:

1. Run the program

2. Choose an option from the menu (1-8)

3. Follow the prompts

4.Exit using option 8

It's like a digital management system that helps keep track of everything happening in a superstore, from what's being sold to who's buying it and how much money is being made.