Flower Shop Ordering Program Description

The Flower Shop Ordering program is a comprehensive application designed to manage a flower shop's inventory and sales. This program allows the user to create and manage flower objects, arrange them into bouquets, and track inventory levels. It also helps in managing orders, ensuring that the stock is updated accordingly, and notifying when new stock is needed.

Key Features:

- *Flower Objects: Create and manage individual flower objects with attributes like name, color, and quantity.*
- *Bouquet Objects: Combine multiple flower objects into a bouquet, which can be sold to customers.*
- *Inventory Management: Keep track of flower stock levels, and get notifications when it's time to reorder.*
- *Order Management: Process customer orders, update inventory, and manage sales records.*
- *User Interface: Provides a simple and intuitive interface for managing flowers, bouquets, and orders.*

How to Use:

1. *Run the Application: Start the application using your Python environment.*
2. *Manage Flowers:*
   - *Add Flowers: Enter the details of new flowers (e.g., name, color, quantity) to add them to the inventory.*
   - *View Flowers: Display the current inventory of flowers.*
3. *Create Bouquets:*
   - *Select Flowers: Choose flowers from the inventory to create a bouquet.*
   - *Set Bouquet Details: Specify the bouquet's name and price.*
   - *Save Bouquet: Add the newly created bouquet to the available products.*
4. *Process Orders:*
   - *New Order: Enter customer details and select the bouquet to sell.*
   - *Update Inventory: Automatically update the inventory based on the bouquet sold.*
   - *Record Sale: Save the order details for sales tracking.*
5. *Inventory Alerts: Receive notifications when the stock of any flower goes below a specified threshold, indicating the need to reorder.*

This application streamlines the operations of a flower shop, ensuring efficient management of inventory and orders, and providing a seamless experience for both shop owners and customers.