```python
# Midterm Lab Task 3 - Python List Collections

items = []

def add_items():
    print("\n=== Add Items ===")
    while True:
        item = input("Enter item to add (or 'x' to stop): ")
        if item.lower() == 'x':
            break
        items.append(item)
    print("Items added successfully!\n")


def search_item():
    print("\n=== Search Item ===")
    item = input("Enter item to search: ")
    count = items.count(item)
    if count > 0:
        print(f"'{item}' found {count} time(s) in the list.\n")
    else:
        print(f"'{item}' not found in the list.\n")


def remove_item():
    print("\n=== Remove Item ===")
    item = input("Enter item to remove: ")
    if item in items:
        items.remove(item)
        print(f"Item '{item}' found and deleted.\n")
    else:
        print(f"Item '{item}' not found - deletion unsuccessful.\n")


def view_items():
    print("\n=== View Items ===")
    if not items:
        print("The list is empty.\n")
        return

    choice = input("Sort order (A-Z / Z-A): ").upper()
    if choice == "A-Z":
        sorted_items = sorted(items)
    elif choice == "Z-A":
        sorted_items = sorted(items, reverse=True)
    else:
        print("Invalid choice, showing unsorted list.")
        sorted_items = items

    print("Items in the list:")
    for item in sorted_items:
        print("-", item)
    print()
```

```python
def menu():
    while True:
        print("==== MENU ====")
        print("1 - Add Items")
        print("2 - Search for an Item")
        print("3 - Remove an Item")
        print("4 - View all items (Sorted A-Z | Z-A)")
        print("0 - Exit program")
        choice = input("Pick one [0 to quit]: ")

        if choice == "1":
            add_items()
        elif choice == "2":
            search_item()
        elif choice == "3":
            remove_item()
        elif choice == "4":
            view_items()
        elif choice == "0":
            print("Exiting program... Goodbye!")
            break
        else:
            print("Invalid choice. Please try again.\n")


# Run the program
menu()
```

```
Pick one [0 to quit]: 1

=== Add Items ===
Enter item to add (or 'x' to stop): Fruit
Enter item to add (or 'x' to stop): x
Items added successfully!

==== MENU ====
1 - Add Items
2 - Search for an Item
3 - Remove an Item
4 - View all items (Sorted A-Z | Z-A)
0 - Exit program
Pick one [0 to quit]: 2

=== Search Item ===
Enter item to search: Fruit
'Fruit' found 1 time(s) in the list.

==== MENU ====
1 - Add Items
2 - Search for an Item
3 - Remove an Item
4 - View all items (Sorted A-Z | Z-A)
0 - Exit program
Pick one [0 to quit]: 3

=== Remove Item ===
Enter item to remove: Fruit
Item 'Fruit' found and deleted.

==== MENU ====
1 - Add Items
2 - Search for an Item
3 - Remove an Item
4 - View all items (Sorted A-Z | Z-A)
0 - Exit program
Pick one [0 to quit]: 4

=== View Items ===
The list is empty.

==== MENU ====
1 - Add Items
2 - Search for an Item
3 - Remove an Item
4 ◆◆View all items (Sorted A-Z | Z-A)
0 - Exit program
Pick one [0 to quit]: 0
Exiting program... Goodbye!
```