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7OOP

while True:

```
    print("\n[ MENU OPTIONS ]")
    print("1 - Add Items")
    print("2 - Search for an Item")
    print("3 - Remove an Item")
    print("4 - View all items (A-Z | Z-A)")
    print("0 - Exit program")
```

choice = input("Pick one [0 to quit]: ")

if choice == "1": # Add Items

while True:

```
        item = input("Enter item to add (press x to stop): ")
        if item.lower() == "x":
            break
        items.append(item)
    print("Items added successfully!")
```

elif choice == "2": # Search for an Item

```
    search_item = input("Enter item to search: ")
    if search_item in items:
        count = items.count(search_item)
        print(f"Item found! '{search_item}' appears {count} time(s).")
    else:
```

```
    print("Item not found.")

elif choice == "3": # Remove an Item
    remove_item = input("Enter item to remove: ")
    if remove_item in items:
        items.remove(remove_item)
        print("Item found and deleted.")
    else:
        print("Item not found - deletion unsuccessful.")

elif choice == "4": # View all items
    if len(items) == 0:
        print("No items in the list.")
    else:
        order = input("Sort Ascending (A-Z) or Descending (Z-A)? [A/Z]: ")
        if order.lower() == "a":
            for i in sorted(items):
                print(i)
        else:
            for i in sorted(items, reverse=True):
                print(i)

elif choice == "0": # Exit
    print("Exiting program. Goodbye!")
    break
```

else:

print("Invalid choice, please try again.")

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