Class Exercise:

Shopping list

In this exercise, we will work with string formatting and list operations to create a program that manages a shopping list. We will use string formatting to display the shopping list and perform various operations on it using list methods.

Your task is to write the code that allows the user to perform the following operations on a shopping list:

Add items to the shopping list.

Remove items from the shopping list.

Display the current shopping list.

Once you have completed the code, test it by performing the specified operations on the shopping list.

# Initialize an empty shopping list

shopping\_list = []

while True:

    print("Menu:")

    print("1. Add item to shopping list")

    print("2. Remove item from shopping list")

    print("3. Display shopping list")

    print("4. Quit")

    choice = input("Enter your choice (1-4): ")

    if choice == "1":

# Your code here

    elif choice == "2":

# Your code here

    elif choice == "3":

# Your code here

    elif choice == "4":

# Your code here

print("Thank you for using the shopping list manager!")

Menu:

1. Add item to shopping list

2. Remove item from shopping list

3. Display shopping list

4. Quit

Enter your choice (1-4): 1

Enter the item to add: Apples

Item added to the shopping list.

Menu:

1. Add item to shopping list

2. Remove item from shopping list

3. Display shopping list

4. Quit

Enter your choice (1-4): 1

Enter the item to add: Milk

Item added to the shopping list.

Menu:

1. Add item to shopping list

2. Remove item from shopping list

3. Display shopping list

4. Quit

Enter your choice (1-4): 3

Shopping List:

- Apples

- Milk

Menu:

1. Add item to shopping list

2. Remove item from shopping list

3. Display shopping list

4. Quit

Enter your choice (1-4): 2

Enter the item to remove: Milk

Item removed from the shopping list.

Menu:

1. Add item to shopping list

2. Remove item from shopping list

3. Display shopping list

4. Quit

Enter your choice (1-4): 3

Shopping List:

- Apples

Menu:

1. Add item to shopping list

2. Remove item from shopping list

3. Display shopping list

4. Quit

Enter your choice (1-4): 4

Thank you for using the shopping list manager!