Sumbillo, Jessie C.

C204

def main():

fruits = ["Apple", "Banana", "Mango", "Orange", "Grapes",

"Pineapple", "Papaya", "Guava", "Strawberry", "Watermelon"]

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 (Sorted A-Z or Z-A)")

print("0 – Exit program")

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

if choice == "0":

print("Exiting program... Goodbye!")

break

elif choice == "1":

print("\nEnter fruits to add (type 'x' to stop):")

while True:

item = input("Enter fruit: ")

if item.lower() == "x":

break

fruits.append(item)

fruits.sort()

print("Fruits successfully added and sorted!")

elif choice == "2":

search\_item = input("Enter fruit to search: ")

count = fruits.count(search\_item)

if count > 0:

print(f"Item '{search\_item}' found {count} time(s) in the list.")

else:

print(f"Item '{search\_item}' not found.")

elif choice == "3":

remove\_item = input("Enter fruit to remove: ")

if remove\_item in fruits:

fruits.remove(remove\_item)

print(f"Item '{remove\_item}' found and deleted.")

else:

print(f"Item '{remove\_item}' not found - deletion unsuccessful.")

elif choice == "4":

if len(fruits) == 0:

print("The list is empty!")

else:

order = input("Sort A-Z or Z-A? (Enter A or Z): ").upper()

if order == "A":

sorted\_fruits = sorted(fruits)

else:

sorted\_fruits = sorted(fruits, reverse=True)

print("\nFruits in the list:")

for i, fruit in enumerate(sorted\_fruits, 1):

print(f"{i}. {fruit}")

else:

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

if \_\_name\_\_ == "\_\_main\_\_":

main()