def view\_store(store\_items):

print("Store Items:")

for item in store\_items:

print(f"ID: {item['itemid']}, Name: {item['itemname']}, Price: {item['itemprice']}")

def add\_to\_cart(store\_items, cart, item\_id, quantity):

for item in store\_items:

if item['itemid'] == item\_id or item['itemname'].lower() == item\_id.lower():

cart.append({'item': item, 'quantity': quantity})

print(f"Added {quantity} of {item['itemname']} to cart.")

return

print("Item not found in store.")

def update\_cart(cart, item\_id, quantity):

for cart\_item in cart:

if cart\_item['item']['itemid'] == item\_id or cart\_item['item']['itemname'].lower() == item\_id.lower():

cart\_item['quantity'] = quantity

print(f"Updated {cart\_item['item']['itemname']} to quantity {quantity}.")

return

print("Item not found in cart.")

def remove\_from\_cart(cart, item\_id):

for cart\_item in cart:

if cart\_item['item']['itemid'] == item\_id or cart\_item['item']['itemname'].lower() == item\_id.lower():

cart.remove(cart\_item)

print(f"Removed {cart\_item['item']['itemname']} from cart.")

return

print("Item not found in cart.")

def view\_cart(cart):

print("Purchased Items:")

for cart\_item in cart:

print(f"Name: {cart\_item['item']['itemname']}, Quantity: {cart\_item['quantity']}, Price: {cart\_item['item']['itemprice']}, Total: {cart\_item['quantity'] \* cart\_item['item']['itemprice']}")

def generate\_invoice(cart):

total = 0

print("\*\*\*\*\* Invoice Copy \*\*\*\*\*\*\*")

for cart\_item in cart:

item\_total = cart\_item['quantity'] \* cart\_item['item']['itemprice']

total += item\_total

print(f"{cart\_item['item']['itemname']} {cart\_item['quantity']} {cart\_item['item']['itemprice']} {item\_total}")

print(f"Total: {total}")

def main():

store\_items = [

{'itemid': 1, 'itemname': 'Maggi', 'itemprice': 20},

{'itemid': 2, 'itemname': 'Butter', 'itemprice': 150},

{'itemid': 3, 'itemname': 'Bread', 'itemprice': 40},

{'itemid': 4, 'itemname': 'Milk', 'itemprice': 50},

{'itemid': 5, 'itemname': 'Eggs', 'itemprice': 10},

{'itemid': 6, 'itemname': 'Cheese', 'itemprice': 200}

]

cart = []

while True:

print("\nMenu:\n1. View the store\n2. Purchase the item\n3. Update the purchased item\n4. Remove the item\n5. View the purchased item list\n6. Exit and Generate Invoice")

choice = input("Enter your choice: ")

if choice == '1':

view\_store(store\_items)

elif choice == '2':

while True:

item\_id = input("Enter the item name or item ID to purchase: ")

quantity = int(input("Enter the quantity: "))

add\_to\_cart(store\_items, cart, item\_id, quantity)

cont = input("Do you want to continue adding items? (yes/no): ")

if cont.lower() != 'yes':

break

elif choice == '3':

item\_id = input("Enter the item name or item ID to update: ")

quantity = int(input("Enter the new quantity: "))

update\_cart(cart, item\_id, quantity)

elif choice == '4':

item\_id = input("Enter the item name or item ID to remove: ")

remove\_from\_cart(cart, item\_id)

elif choice == '5':

view\_cart(cart)

elif choice == '6':

generate\_invoice(cart)

break

else:

print("Invalid choice. Please try again.")

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

main()