**Generate Order Summary**

Get Product Names from File

Get Product Prices from File

Get Customer Name

Get Customer Street Address

Get Customer City, State, Zip

Do the following while customerChoice is not 3

Get Each Customer Choice

Perform Each Choice

Calculate Totals of Each Product

Calculate Subtotal

Calculate Tax

Calculate Total Cost

Display Order Summary

Log Order to File

**Get Product Names from File**

Do the following for each of the 7 products

Get current productName from file

**Get Product Prices from File**

Do the following for each of the 7 products

Get current productPrice from file

**Get Customer Name**

Display “Enter Customer Name: “ to user

Get customerName from user

**Get Customer Street Address**

Display “Enter Customer’s Street Address: “ to user

Get customerStreetAddress from user

**Get Customer City, State, Zip**

Display “Enter Customer’s City, State, and Zip Code: “ to user

Get customerCityStateZip from user

**Get Each Customer Choice**

Do the following while customerChoice is not 1 and 2 and 3

Display “What would you like to do: Add Product Quantities [1], Remove Product

Quantities [2] or Display Order Summary [3]? “ to user

Get customerChoice from user

**Perform Each Choice**

When customerChoice is 1

Add Product Quantities

When customerChoice is 2

Remove Product Quantities

**Add Product Quantities**

Get Valid Item Number

Get Item Quantity

Add to Product Quantity Totals

**Get Valid Item Number**

Do the following while validItemNumber is greater than 6 or less than 0

Display “Enter Valid Item Number (0-6): “ to user

Get validItemNumber from user

**Get Item Quantity**

Do the following while itemQuantity is less than 0

Display “Enter Item Quantity for “, current productName, “: “ to user

Get itemQuantity from user

**Add to Product Quantity Totals**

Set current productQuantityTotal to current productQuantityTotal + itemQuantity

**Remove Product Quantities**

Get Valid Item Number

Get Item Quantity

Subtract to Product Quantity Totals

**Subtract to Product Quantity Totals**

Set current productQuantityTotal to current productQuantityTotal - itemQuantity

**Calculate Totals of Each Product**

Do the following for each of the 7 products

Set current productTotals to current productPrice \* current productQuantityTotal

**Calculate Subtotal**

Add all productTotals together to get the subtotal

**Calculate Tax**

Set tax to subtotal \* 0.08

**Calculate Total Cost**

Set total to subtotal + tax

**Display Order Summary**

Display “Customer Name: “, customerName to user

Display “Customer Street Address: “, customerStreetAddress to user

Display “Customer City, State, and Zip Code: “, customerCityStateZip to user

Display “Product Names: “, “Product Prices: “, “Product Quantities: “, “Product Totals: “ to user

Do the following for each of the 7 products

When current productQuantityTotal is greater than 0

Display current productName, current productPrice, current

productQuantityTotal, current productTotals to user

Display “Subtotal: “, subtotal to user

Display “Total Tax (8.0%): “, tax to user

Display “Total Cost: “, total to user

**Log Order to File**

Append customerName to file

Append customerStreetAddress to file

Append customerCityStateZip to file

Do the following for each of the 7 products

When current productQuantityTotal is greater than 0

Append current product number to file

Append current productQuantityTotal to file

Append total to file