**Manage Parts Inventory**

Do the following while userChoice is not 4

Get Choice

Perform Choice

**Get Choice**

Do the following while userChoice is not 1 and 2 and 3 and 4

Display “What would you like to do: Look-up a part [1], Add a new part to the inventory

[2], Print the entire inventory [3], or Quit [4]? “ to user

Get userChoice from user

**Perform Choice**

When userChoice is 1

Display Information of a Specific Part

When userChoice is 2

Add Part to Inventory

When userChoice is 3

Print Inventory

**Display Information of a Specific Part**

Get Part ID Number

Display Part Report Heading for Matching Part

Process Each Part for ID Number from File

**Get Part ID Number**

Display “Enter part ID number: “ to user

Get userPartIDNumber from user

**Display Part Report Heading for Matching Part**

Display “Description of Part Found “, “Cost “, “Price “, “Weight “, “Location “, “Quantity“ to

user

**Process Each Part for ID Number from File**

Do the following for each part in the parts inventory

Get Part Information from File

Display Part Summary for Matching Part

**Get Part Information from File**

Get partIDNumber from file

Get partDescription from file

Get partCost from file

Get partPrice from file

Get partWeight from file

Get partLocation from file

Get partQuantity from file

**Display Part Summary for Matching Part**

When userPartIDNumber = partIDNumber

Display partDescription, partCost, partPrice, partWeight, partLocation, partQuantity to

user

**Add Part to Inventory**

Get Part Information

Append Part Information to File

**Get Part Information**

Display “Enter Part ID Number: “ to user

Get newPartIDNumber from user

Display “Enter Part Description: “ to user

Get newPartDescription from user

Display “Enter Part Cost: “ to user

Get newPartCost from user

Display “Enter Part Price: “ to user

Get newPartPrice from user

Display “Enter Part Weight: “ to user

Get newPartWeight from user

Display “Enter Part Location: “ to user

Get newPartLocation from user

Display “Enter Part Quantity: “ to user

Get newPartQuantity from user

**Append Part Information to File**

Append newPartIDNumber to file

Append newPartDescription to file

Append newPartCost to file

Append newPartPrice to file

Append newPartWeight to file

Append newPartLocation to file

Append newPartQuantity to file

**Print Inventory**

Display Part Report Heading

Process Each Part from File

**Display Part Report Heading**

Display “Part ID Number”, “Part Description”, “Cost”, “Price”, “Weight”, “Location”, “Quantity”

to user

**Process Each Part from File**

Do the following for each part in the parts inventory

Get Part Information from File

Display Part Summary

**Display Part Summary**

Display partIDNumber, partDescription, partCost, partPrice, partWeight, partLocation,

partQuantity to user