CS132 Lab 3

Spring 2019

Instructions: For this lab, you will use the code in the *List*.cpp file and the *List*.h file to make a list of items for a camera store, and implement functions to insert, find, erase, display items. You will have to modify the code, since it was written for a list of integers. The items for the list are in a file called *InventoryFile*.txt

Each line of the file *InventoryFile* has the following format:

Item Number – an integer

Number in stock – an integer (between 0 and 999)

Unit Price – a floating-point value

Minimum inventory level – an integer

Item name – a character string

You will probably have to define a struct, to hold the info for each item, and then your list will be an array of the structs

Your driver file should create the list, read in all the items, and then ask the user what to do (insert, delete, etc…)

When you are done, the list should be output to a file called *NewInventory*.

1 做一个struct包含：

Item Number – an integer

Number in stock – an integer (between 0 and 999)

Unit Price – a floating-point value

Minimum inventory level – an integer

Item name – a character string

2 declare 一个list的array，每一个元素都是struct。

3 用file in，然后读入每一个item的信息

4问用户怎样做，输入错误就重复问用户，(insert, delete, etc…)

5 file out到 *NewInventory.txt*