Trinna

devC++ compiler settings go to tools> compiler options>Setting>Code Generation>set the language standard to ISO c++. Setting this up will prevent an error which prevents the usage of stoi() function of c++11.

#include <iostream>//input and output stream

#include <fstream>//file stream

#include <stdio.h>//header file for IO

#include <stdlib.h>//header file for library

#include <sstream>//

#include <string> //usage of string

#include <ctime>//date and time usage

Step one

start at creating the Project class which has a variable that will be constantly used inside the program throughout the whole run. There are other variables inside the class that has low significance use.

int id;

char desc[15];

char sName[15];

char Item[15];

int value;

int Qty;

int ROValue;

char Cat[15];

char Unit[15];

step two

Create objects

void purchase();

void find();

void list1();

void UpdateItem();

void sold();

void CheckOut();

void purchaseS();

void OutList();

void Slist();

void purchase()- the purchase function adds items to the master list and also counts as a new purchase and it will add an entry on the purchase list.

Void find() the used need to enter the id number then it will be merge as a string then get compared to the set of data inside the array loaded in the find() object then a for loop will load the rest of the data inside the array and show the data.

void UpdateItem() – updates an item by asking the id number then changes the value of the quantity of the item and append it to purchase.txt

void sold() – sell an item wherein the admin/user needs to enter the id number then change the quantity and insert it inside sales.txt.

void CheckOut()- this checks the programs data if there is a data that is out of stock it also compare the value of quantity and the reorder if it is needed to be put in the outOfStock file.

void list1()- once this is called it will list all of the data entered inside the master file.

void purchaseS()-when this obj is called it will display the entry inside purchase.txt all of the items purchased by the company even the ones that is a new entry.

void OutList() this will display the items that is out of stock or low on the re order value.

void Slist()- this obj display the sales of the item with the corresponding dates it was lessen.

Step three

Screen1

Option1 > screen2

Option2 > access and calls the purchased items.

Option3 > display the out of stock items

Option4 >display the item in the sales.txt

Option5 > terminate program

Screen2

Option1> add a new item

Option2> update the items bought by the store.

Options3 > search an item

Options4>list all the files in the masterFile

Option5> update and restock the item

Option0> return to screen1