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CS 210

The Gorcery Manager program is designed to manage grocery inventory data, including searching for item frequency, printing all items frequency and printing a histogram of the items frequency. This program is written using C++ programming language and consists of 3 main program files. The GroceryManager.h file is where GroceryManager class is declared along with private and public variables and functions.

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The GroceryManager.cpp file builds upon the GorceryManager.h file. This file encapsulates the core functionality of the program through reading and writing data, providing search functionality and outputting data to the console.

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The main function creates a new GroceryManager class object and displays the main menu options. This function also accepts user input for menu choices and calls upon corresponding functions.

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To use the program, compile and run code in Visual Studio.

Main Menu Choices:

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1. Search Item Frequency:

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Type item and press Enter:

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1. Print All Items Frequency:

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1. Print Histogram:

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1. Save and Exit

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