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LC ID: LC00017001850
BIT 1st Year 2nd Semester
Java Mid Term Project
Store Management Software
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Store management software for managing store inventory.
The store contains a collection of things that are hard to keep track of.
Nowadays, all stores store their digital data with ease.

When there are many items, it can be difficult to remember how many items are in stock and what they cost.

This program is user- friendly and will assist reps in tracking items in their inventory.

Features and Functionality:

This software stores the name of product, total quantity in stock, their price and the date it got added or updated.

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Add new items: We can easily add a new item to the list of items with its name, price, quantity and date.

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Update an item: We can change the quantity of product, or update price of product.

Buy an item: We can buy item from other vendors or manufacturer if we run out of stock.

It will increase the quantity of item in the list.

Sell an item: We can sell item to customer.

It decrease the quantity from our inventory and increases store balance.

View items

Remove an item

Item’s are stored in a file.

Changes are stored in log file.

Implementation Detail:

In this software, I have implemented basic concepts of java programming language.

I used four principles of OOP ie.

Inheritance, Polymorphism, Abstraction and Encapsulation.

I used list and arraylist libraries to work with elements and manipulate this data.

I also use other concepts like file handling and exception handling.

Main file :

Items class file

Store Manager Class

Store Manager Class

Store class

Output class file

File Manager class

File Manager class

Log Manager Class

In brief, ready to make scaled down store management software.

In this program, we have included numerous highlights and made it exceptionally user-friendly.

I also store all updates in a log for easy viewing of future changes.

This program has made a difference and I have understood many Java concepts very well.

OOP, file administration, and exemption dealing with are a few of the foremost critical concepts to have in programming.

This extend covers this subject and makes me get it it superior.