# Lock Stock & Barrel

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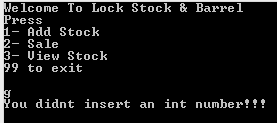
[Back to home screen 23](#_Toc453672048)

## Description

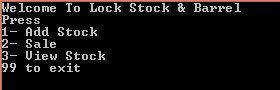
Lock Stock & Barrel is a shop that sells keys, remotes, batteries, repairs, locks and general shop stuff.

We were tasked to do this and make a neat and easy interface. The program allows you to add stock to: keys, remotes, batteries, repairs, locks and general shop stuff. Also to sell stock and give prices of: keys, remotes, batteries, repairs, locks and general shop stuff. Also to view the stock of: keys, remotes, batteries, repairs, locks and general shop stuff.

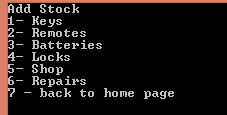
## Screenshots of general



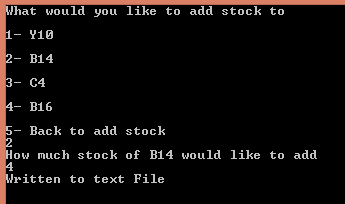
A welcome screen with error handling



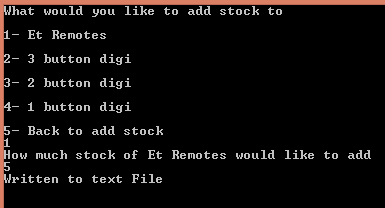
A home menu



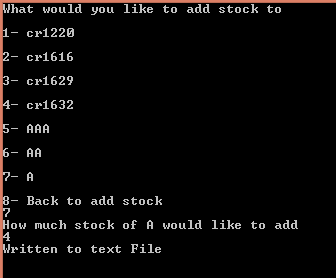
Add stock menu



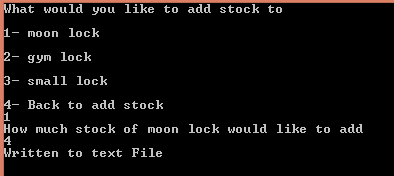
Add keys menu



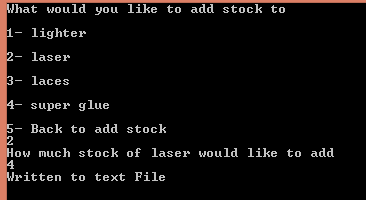
Add remotes menu



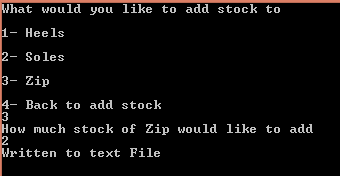
Add batteries menu



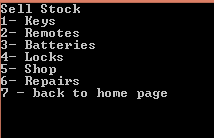
Add locks menu



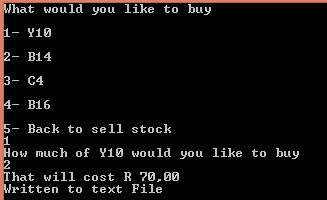
Add shop menu



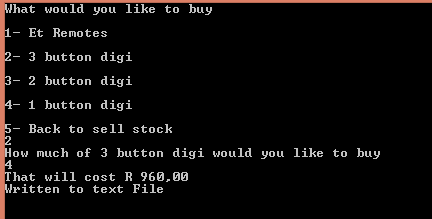
Add repairs menu



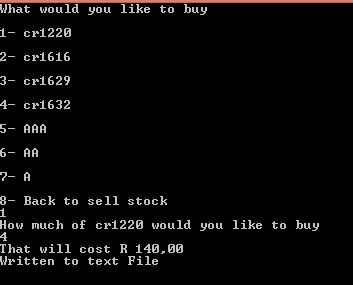
Sell stock menu



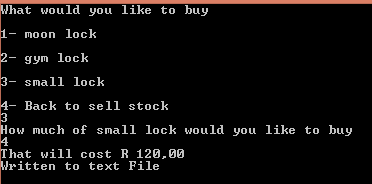
Sell keys menu



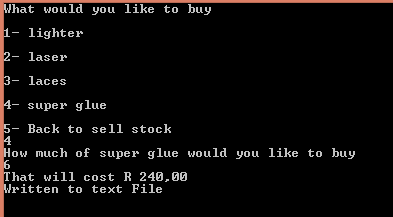
Sell Remotes menu



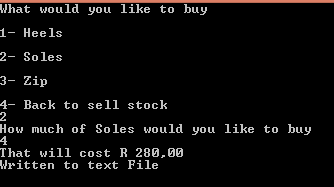
Sell Batteries menu



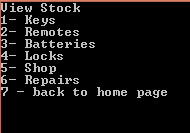
Sell locks menu



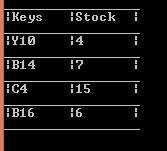
Sell shop menu



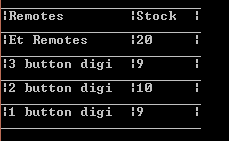
Sell repairs menu



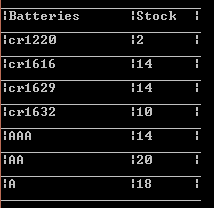
View Stock menu



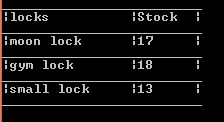
View Keys stock



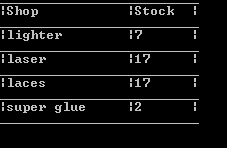
View remotes stock



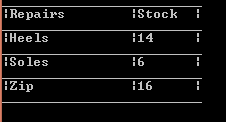
View batteries stock



View locks stock

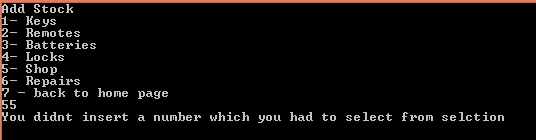


View shop stock

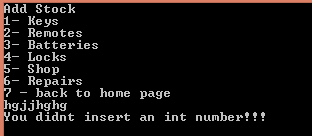


View Repairs

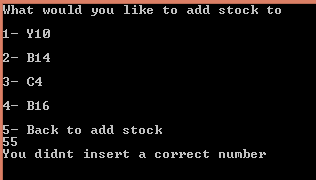
## Error Handling



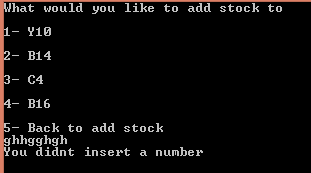
Error handling on add stock



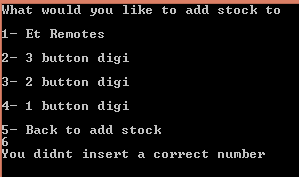
Error handling on add stock



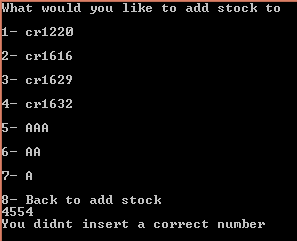
Error handling on add keys



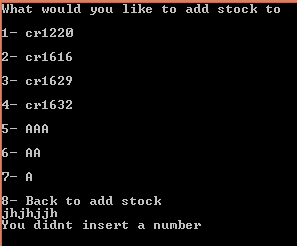
Error handling on add keys



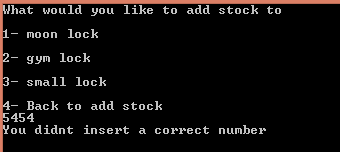
Error handling on add remotes



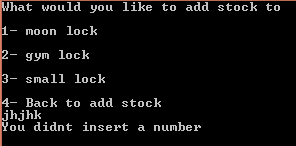
Error handling on add batteries



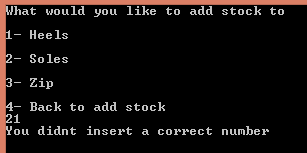
Error handling on add batteries



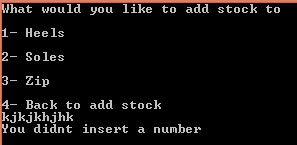
Error handling on add locks



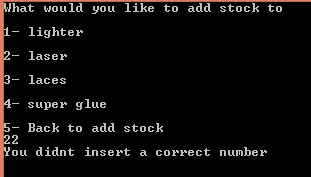
Error handling on add locks



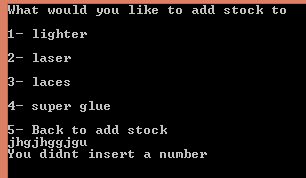
Error handling on add locks



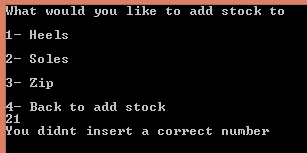
Error handling on add locks



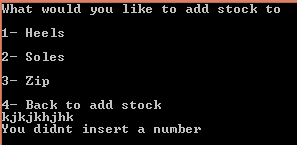
Error handling on add shop



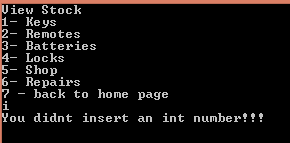
Error handling on add shop



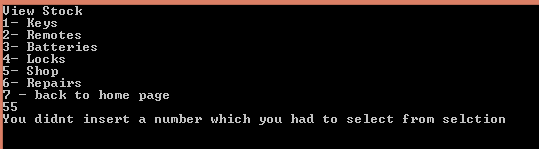
Error handling on add repairs



Error handling on add repairs



Error handling on view stock



Error handling on view stock

# Specifications

Use Console-based menus to navigate between the functionality offered by the application.

At least one (1) menu option should allow the user to capture input.

Input should be stored in arrays (where appropriate). At least one (1) two-dimensional array should be used.

At least one (1) menu option should allow the user to view a report based on the captured input.

The report should be appropriately formatted and displayed on the Console window.

Predefined methods of the string should be used when generating/ displaying the report.

Appropriate if…else statements and loops should be used to process the data in order to generate the report.

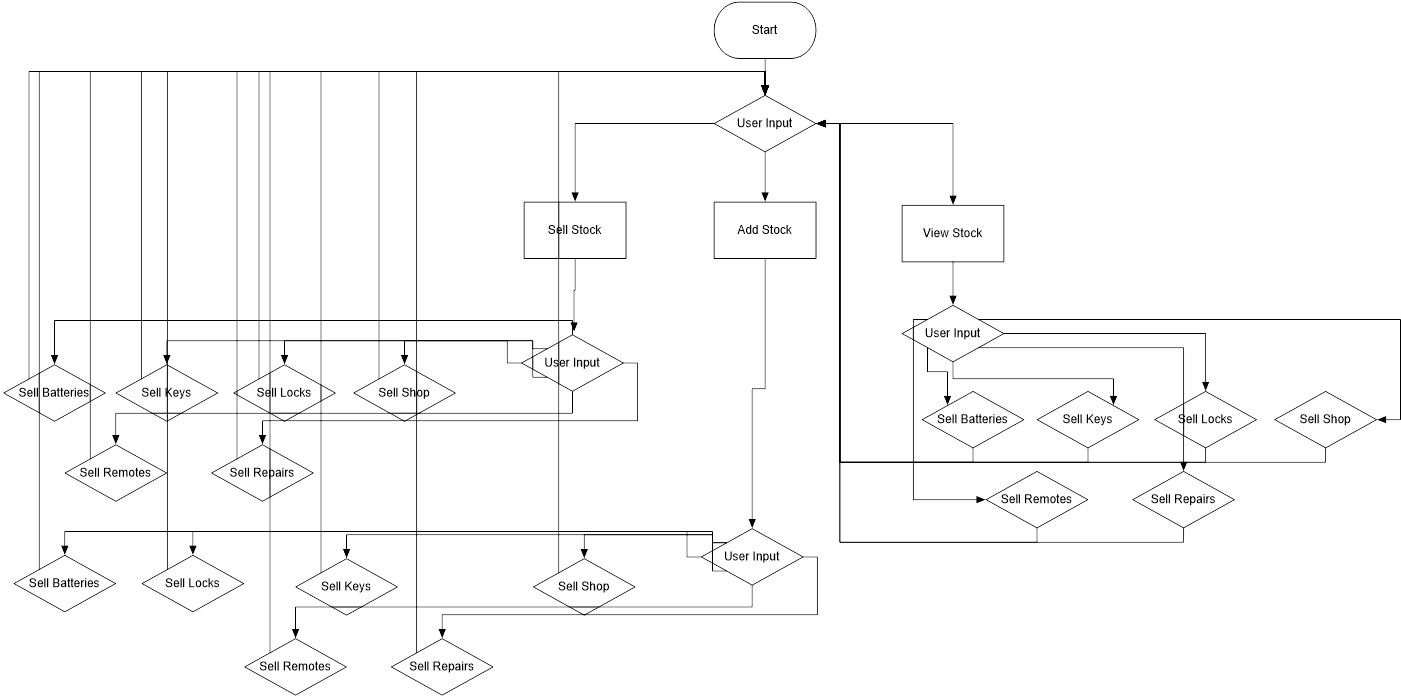
# Diagrams

## prjLockStock Class Diagram

|  |
| --- |
| prjLockStock |
|  |
| +addBatteries ()  +addKeys()  +addLocks()  +addRemotes()  + addRepairs()  + addShop()  + addStock()  + Choice(input : Integer)  + displayBatteries()  + displayKeys()  + displayLocks()  + displayRemotes()  + displayRepairs()  + displayShop()  + displayStock()  + sellBatteries()  + Program()  + sellBatteries  + sellKeys  + sellLocks  + sellRemotes |

## C:\Users\15009851\Documents\Use Case assigment 1.pngUse Case Diagram

## Flow Chart



# Help

Follow the given instructions and input options in the console.

On start you’ll be given a menu with 3 options, sell stock, add stock, view stock.

## On start

1 –Add stock

2 – Sale

3 – View stock

99 - exit

## For add stock

1 – Keys

2 – Remotes

3 – Batteries

4 – Locks

5 – Shop

6 – Repairs

7 – Back to home screen

### For add keys

You’ll be promoted on the different keys to add.

And there will also be an option to go back to add stock screen.

### For add remotes

You’ll be promoted on the different remotes to add.

And there will also be an option to go back to add stock screen.

### For add Batteries

You’ll be promoted on the different batteries to add.

And there will also be an option to go back to add stock screen.

### For add locks

You’ll be promoted on the different locks to add.

And there will also be an option to go back to add stock screen.

### For add shop

You’ll be promoted on the different shop to add.

And there will also be an option to go back to add stock screen.

### For add repairs

You’ll be promoted on the different repairs to add.

And there will also be an option to go back to add stock screen.

### For back to home screen

You’ll be taken back to the home screen.

## For sell stock

1 – Keys

2 – Remotes

3 – Batteries

4 – Locks

5 – Shop

6 – Repairs

7 – Back to home screen

### For sell keys

You’ll be promoted on the different keys to sell.

And there will also be an option to go back to sell stock screen.

### For add remotes

You’ll be promoted on the different remotes to sell.

And there will also be an option to go back to sell stock screen.

### For add Batteries

You’ll be promoted on the different batteries to sell.

And there will also be an option to go back to sell stock screen.

### For add locks

You’ll be promoted on the different locks to sell.

And there will also be an option to go back to sell stock screen.

### For add shop

You’ll be promoted on the different shop to sell.

And there will also be an option to go back to sell stock screen.

### For add repairs

You’ll be promoted on the different repairs to sell.

And there will also be an option to go back to sell stock screen.

### For back to home screen

You’ll be taken back to the home screen.

## For view stock

1 – Keys

2 – Remotes

3 – Batteries

4 – Locks

5 – Shop

6 – Repairs

7 – Back to home screen

### Keys

You’ll be taken to a screen where it shows the keys and their stock.

Press enter after this to go back to view stock.

### Remotes

You’ll be taken to a screen where it shows the remotes and their stock.

Press enter after this to go back to view stock.

### Batteries

You’ll be taken to a screen where it shows the batteries and their stock.

Press enter after this to go back to view stock.

### Locks

You’ll be taken to a screen where it shows the locks and their stock.

Press enter after this to go back to view stock.

### Shop

You’ll be taken to a screen where it shows the shop items and their stock.

Press enter after this to go back to view stock.

### Repairs

You’ll be taken to a screen where it shows the keys and their stock.

Press enter after this to go back to view stock.

### Back to home screen

You’ll be taken back to the home screen.