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Project Specification Document

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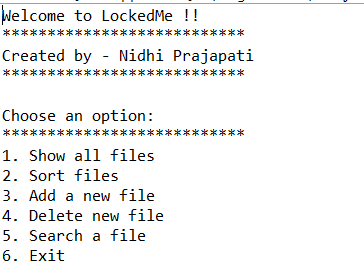
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# Project Capabilities

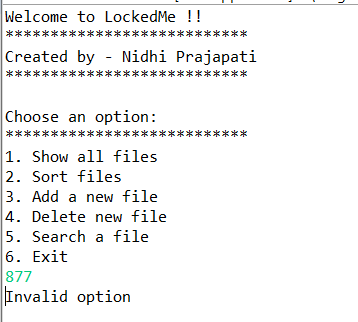
1. User will be provided with different options like:
   1. View all available files in a folder
   2. Sort the files names alphabetically and in revers alphabetic order
   3. Delete a file provided by User from the folder
   4. Add a new file and also updating content of the file
   5. Searching a file name in the folder
2. The application is very interactive, and takes all the input from the User directly.
3. The view all files also take any file in the sub directory.
4. The add new file also features to update the content of the file, directly from the User.
5. User is provided with the interactive menu, which keep existing unless user decides to choose exit option.
6. The application is scalable.

# Appearance

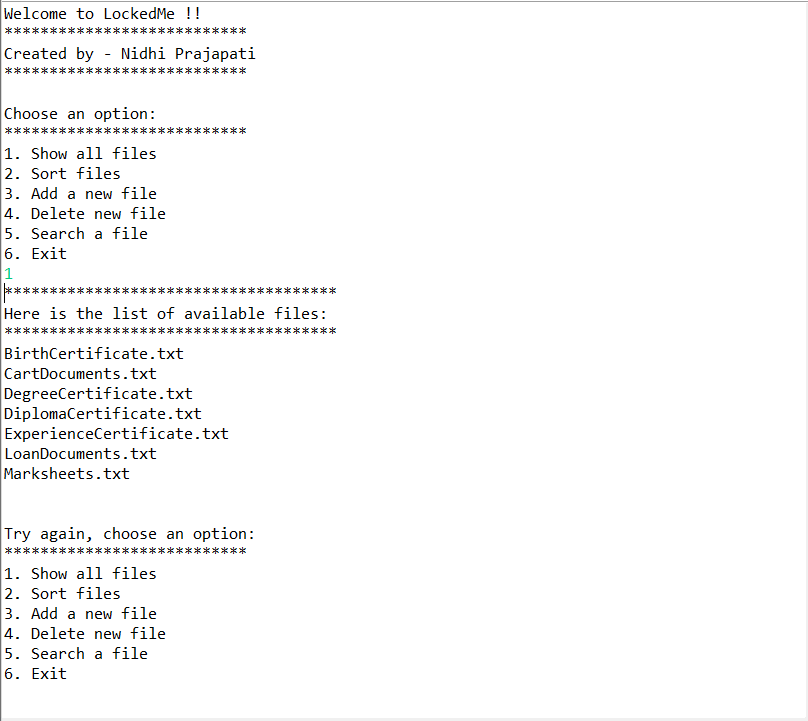
## Welcome Screen



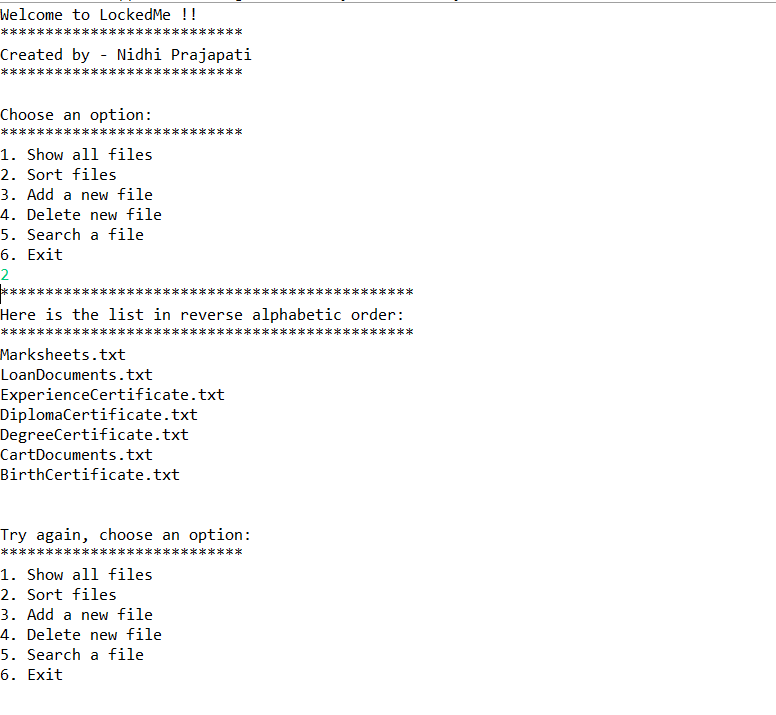
## User Choosing Invalid Option - Handling



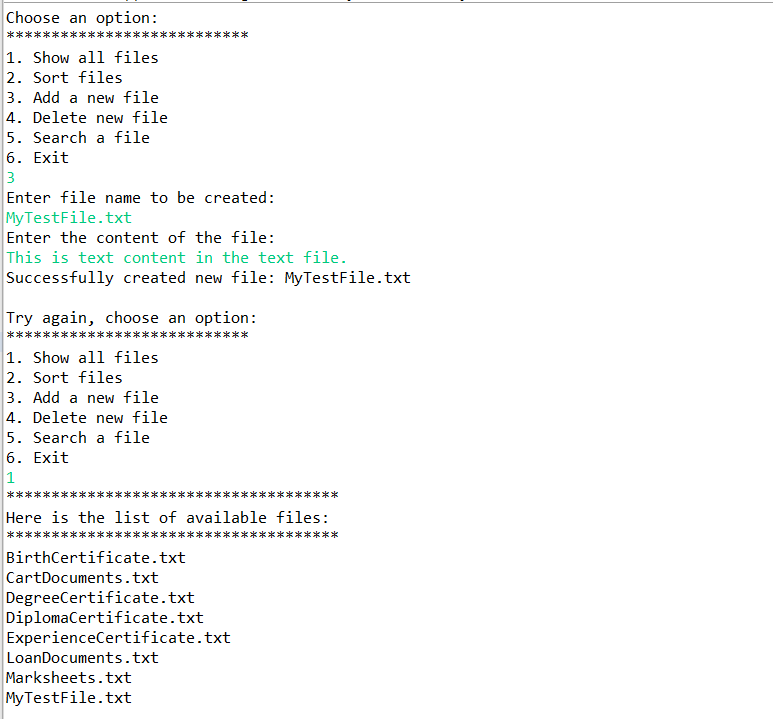
## User selected first option to show all the files – which by default shows in alphabetic order



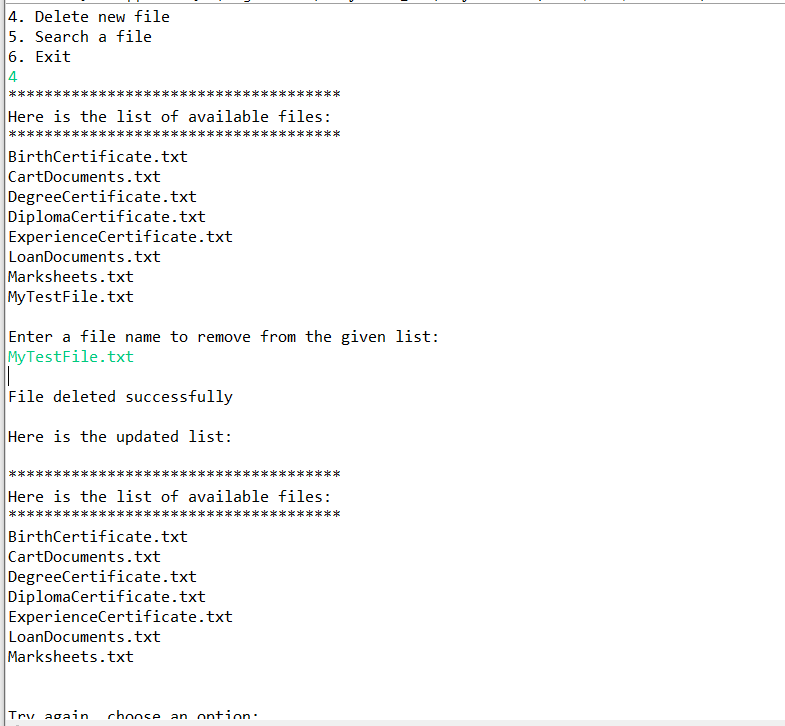
## User Selecting second option to sort files in reverse alphabetic order



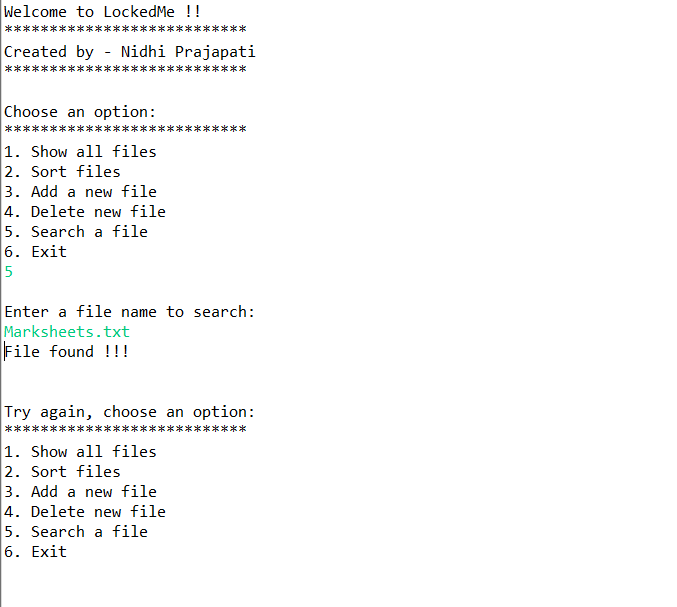
## User selecting third option to add a new file with some text content in it.



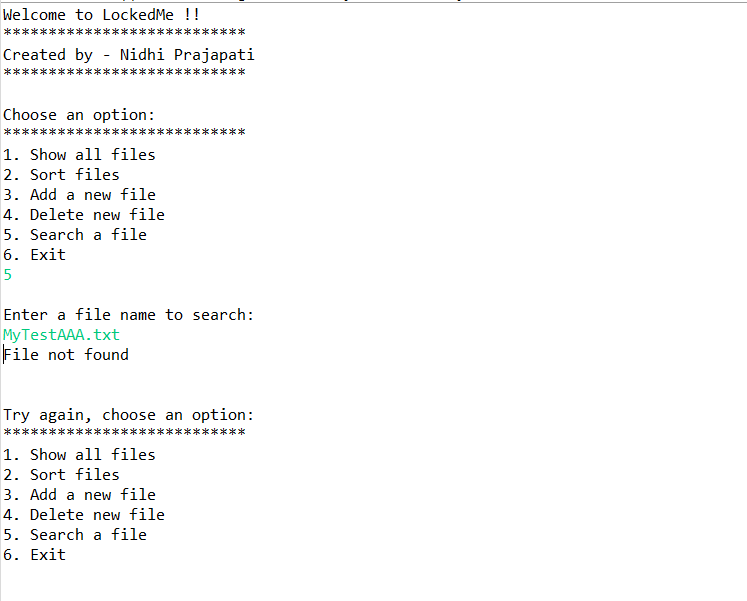
## Deleting a file from the folder



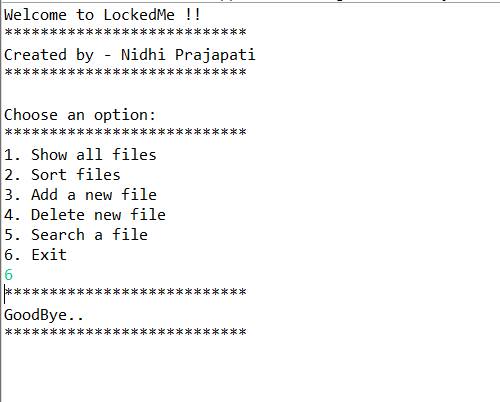
## Searching a file



## Searching an invalid file



## Exiting from the application



# User Interaction

# Sprint Details

The whole project took 2 sprints, where each sprint is of one week.

Sprint -1 Accomplishments:

Completed the initial 3 options namely, Menu, Get files, Sort files.

Sprint-2 Accomplishments:

Completed the rest of the project options namely, Add file, delete file and Search file.

# Developer Details

# Algorithm & Flow Chart

# Core Concepts Used

# GITHUB Details

The GitHub contains:

1. Java project source code
2. Test directory
3. This document

<https://github.com/nidhiprajapati0820/LockedMe.git>

# Conclusion on enhancing the project and USP

As of now the current project is based on interaction on Java console window, later we can include GUI like HTML CSS pages to make it more interactive.