

Locked Me –Virtual Key For Repositories

This document contains:

- Sprint Planning
- Task Completion
- Flow and features of the application
- Flow charts
- Software used
- Product demonstration
- Conclusions

The code and all documents related to this project are hosted at git hub. Above is the link provided, developed by Poornima Bagchandani.

<https://github.com/PoonamPreet/LockedMe/tree/master>

Sprint Planning

Our manager has set up a meeting where we were asked to present the following in the next 15 working days (3 weeks)

- Specification document - Product's capabilities, appearance, and user interactions
- Number and duration of sprints required
- Setting up Git and GitHub account to store and track your enhancements of the prototype
- Java concepts being used in the project
- Data Structures where sorting and searching techniques are used.
- Generic features and three operations:
 - Retrieving the file names in an ascending order
 - Business-level operations:
 - ◇ Option to add a user specified file to the application
 - ◇ Option to delete a user specified file from the application
 - ◇ Option to search a user specified file from the application
 - Navigation option to close the current execution context and return to the main context
- Option to close the application

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Task Completion

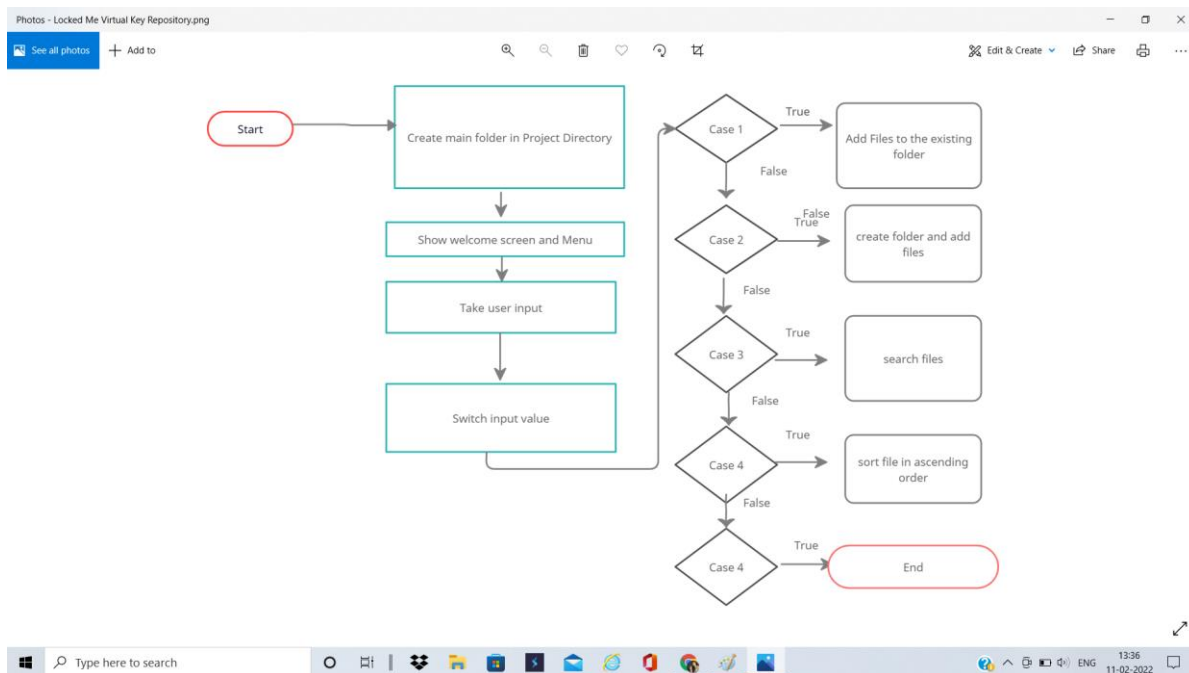
- Specification document - Product's capabilities, appearance, and user interactions
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Flow and features of the application

- ❖ Plan more than two sprints to complete the application
- ❖ Document the flow of the application and prepare a flow chart
- ❖ List the core concepts and algorithms being used to complete this application
- ❖ Code to display the welcome screen. It should display:
 - Application name and the developer details
 - The details of the user interface such as options displaying the user interaction information

- Features to accept the user input to select one of the options listed
- ❖ The first option should return the current file names in ascending order. The root directory can be either empty or contain few files or folders in it
- ❖ The second option should return the details of the user interface such as options displaying the following:
 - Add a file to the existing directory list
 - You can ignore the case sensitivity of the file names
 - Delete a user specified file from the existing directory list
- ❖ You can add the case sensitivity on the file name in order to ensure that the right file is deleted from the directory list
- ❖ Return a message if FNF (File not found)
- ❖ Search a user specified file from the main directory
- ❖ You can add the case sensitivity on the file name to retrieve the correct file
- ❖ Display the result upon successful operation
- ❖ Display the result upon unsuccessful operation
- ❖ Option to navigate back to the main context
- ❖ There should be a third option to close the application
- ❖ Implement the appropriate concepts such as exceptions, collections, and sorting techniques for source code optimization and increased performance

Flow Chart

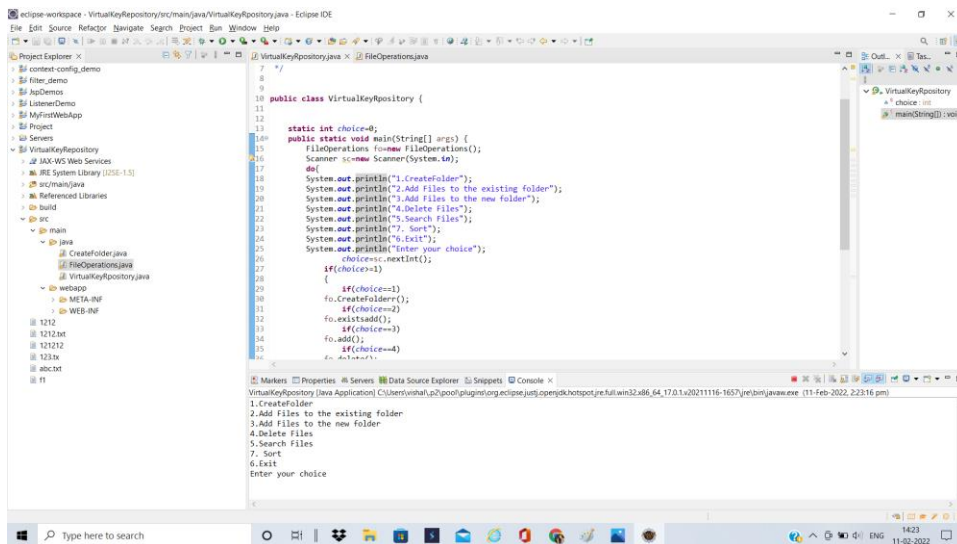


Software usage

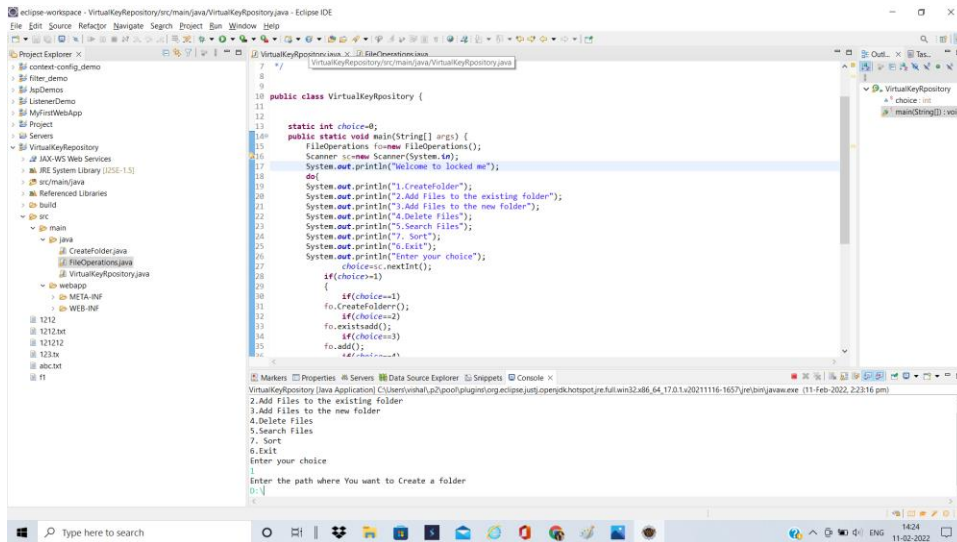
- Eclipse/IntelliJ: An IDE to code for the application
- Java: A programming language to develop the prototype
- Git: To connect and push files from the local system to GitHub
- GitHub: To store the application code and track its versions
- Scrum: An efficient agile framework to deliver the product incrementally
- Search and Sort techniques: Data structures used for the project
- Specification document: Any open-source document or Google Docs

Product demonstration

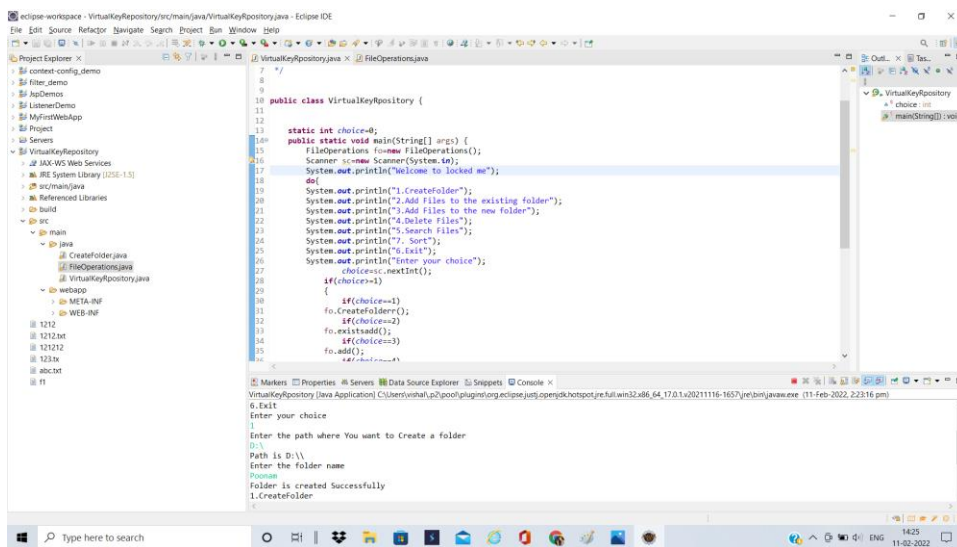
Welcome page with Menu



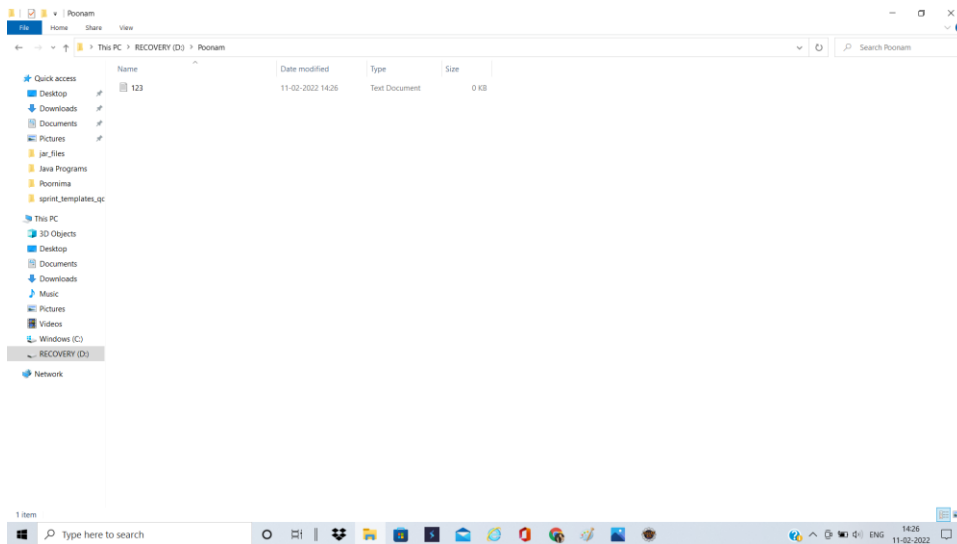
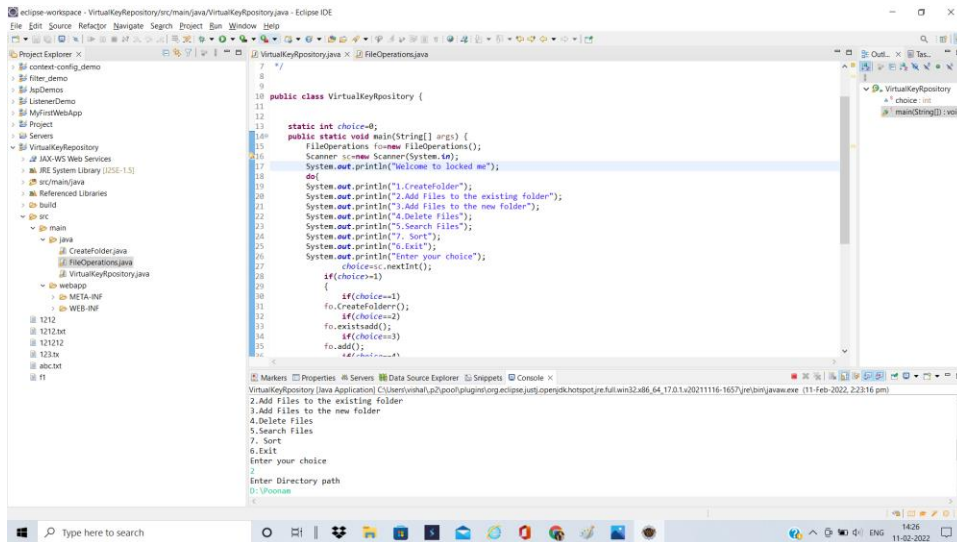
Folder Creation



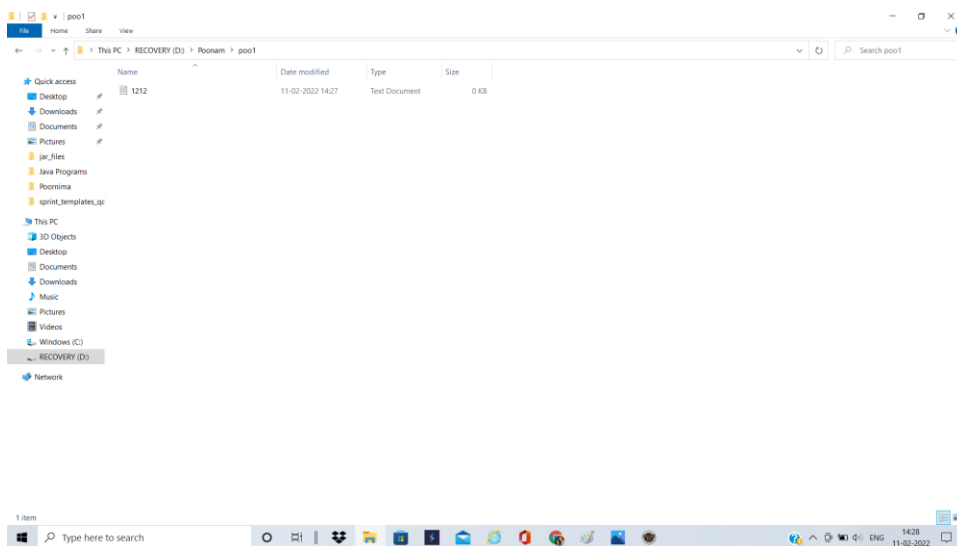
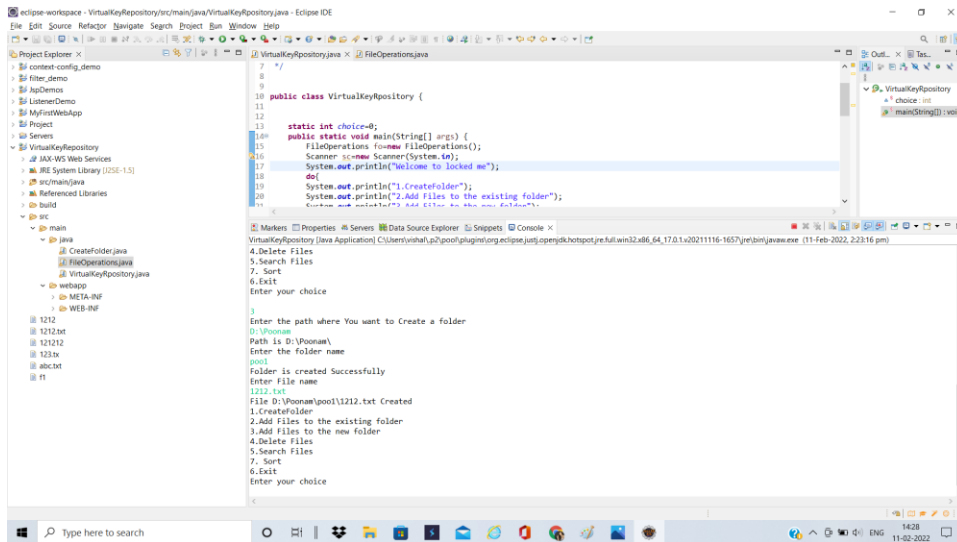
Folder created successfully



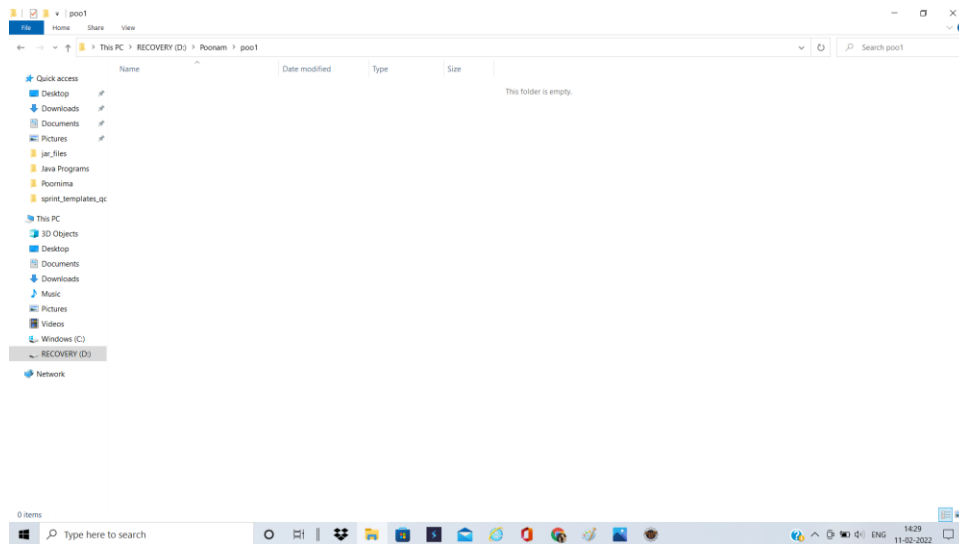
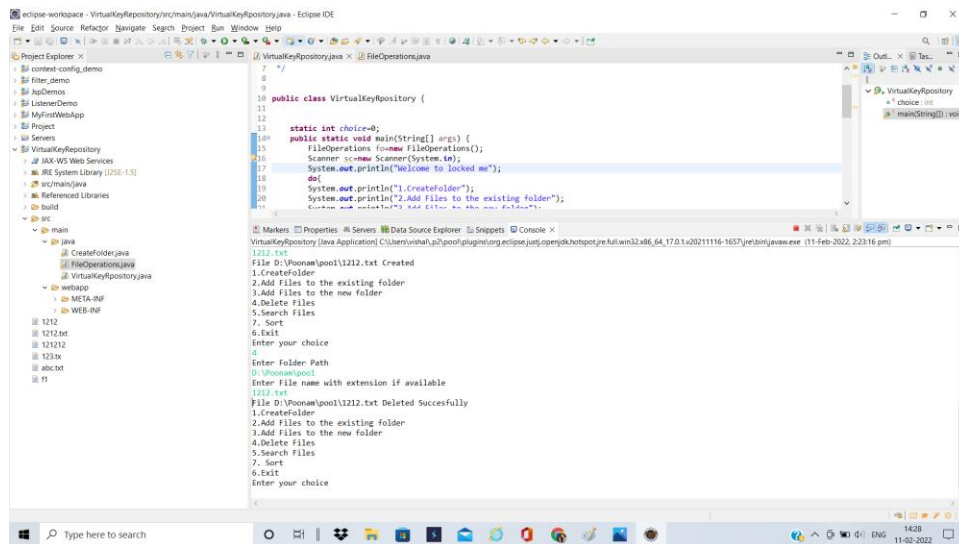
File Creation to the existing folder



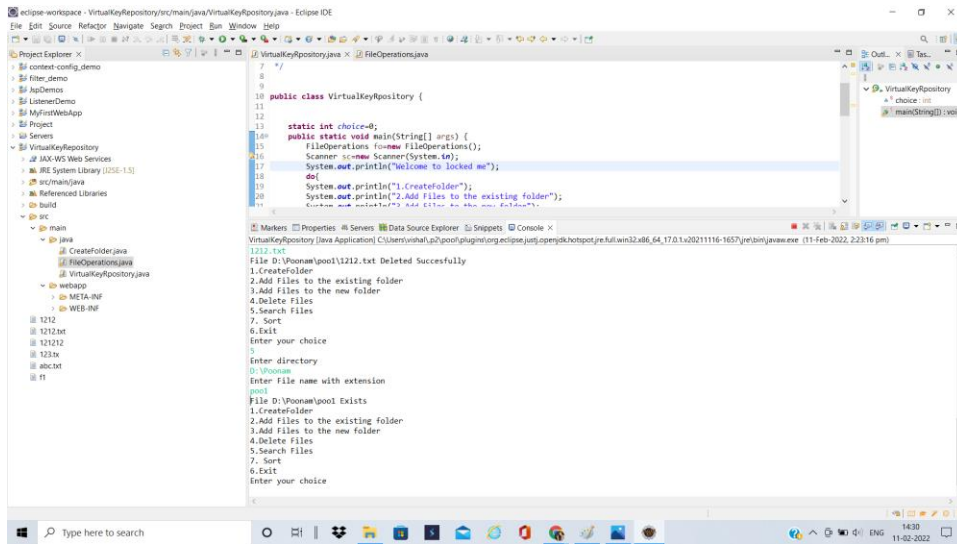
File Creation to new folder



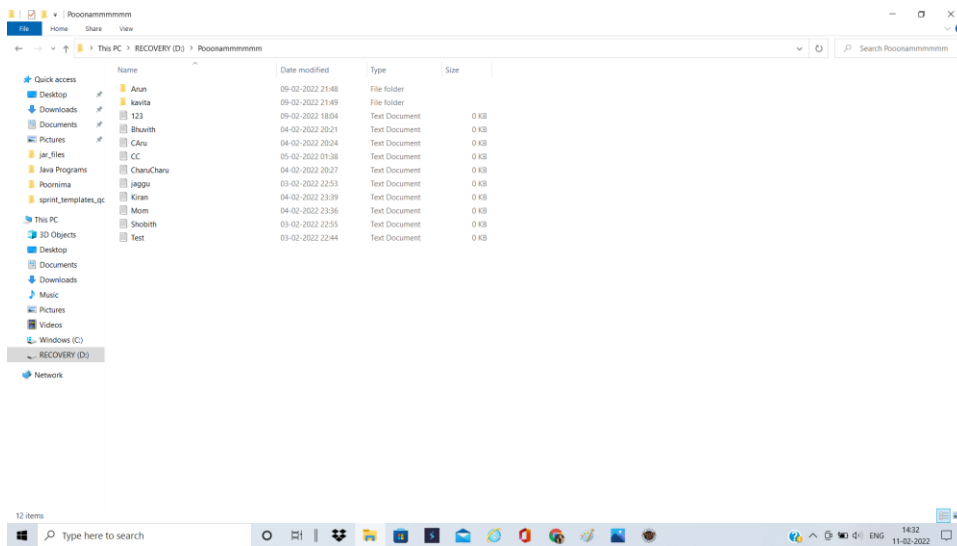
Deletion of files

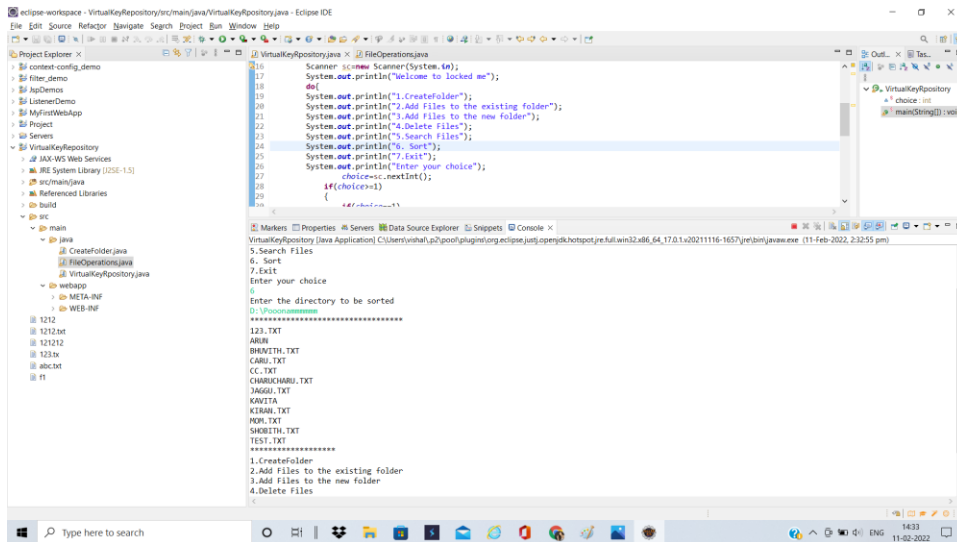


Search of files

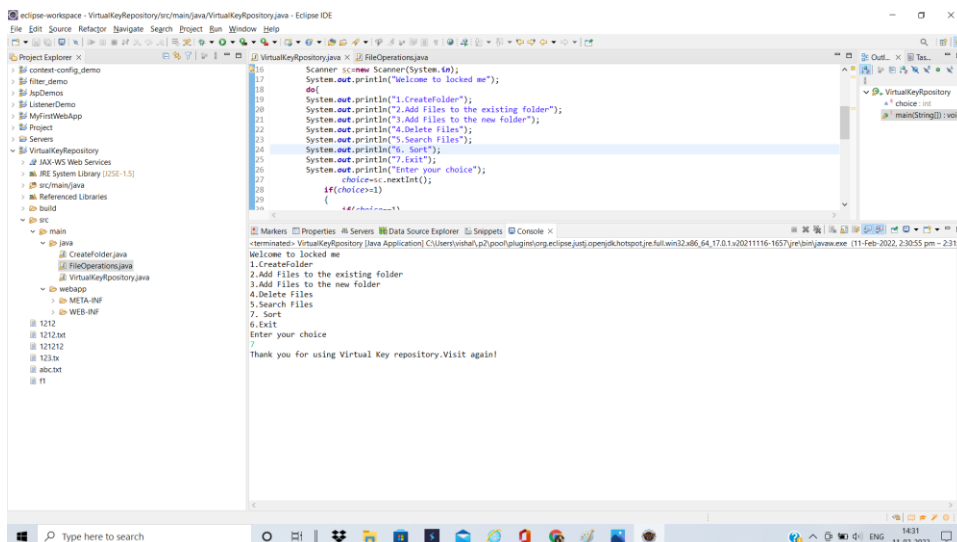


Sorting of file





Existing the application



Conclusions

Any future enhancements will be done based on user requirements