LockedMe Project by
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Source Code GitHub Location: https://github.com/Sivaiah-Gunda/Java_Simplilearn.git

Note: Please find the LockedMe.java file in CompanyLocakersProject/src/com/company/lockers/

```java
package com.company.lockers;

import java.io.File;
import java.io.FileWriter;
import java.util.LinkedList;
import java.util.Scanner;

public class LockedMe {

    static final String projectPath =
"C:\\Sivaiah\\Siva\\Ecpipse\\eclipse\\Java_Simplilearn\\CompanyLocakersProject\\LockedMeFiles";

    public static void main(String[] args) {
        Scanner obj = new Scanner(System.in);
        int ch;
        do {
        displayMenu();
        System.out.println("Enter your choice");
        ch = Integer.parseInt(obj.nextLine());

        switch (ch) {
        case 1:
            getAllFiles();
            break;
        case 2:
            createFile();
            break;
        case 3:
            deleteFiles();
            break;
        case 4:
            searchFiles();
            break;
        case 5:
            System.exit(0);
            break;
        default:
            System.out.println("Invalid option");
            break;
```

```java
            }
        }
        while(ch>0);
    }

    public static void displayMenu() {

    System.out.println("*********************************************************
********");
        System.out.println("\tWelocme to Company Lockers - LockedMe.com");
        System.out.println("\tDeveloper Name: Sivaiah Gunda");

    System.out.println("*********************************************************
********");
        System.out.println("\t1. Display all the files");
        System.out.println("\t2. Add files to existing directory");
        System.out.println("\t3. Delete a file");
        System.out.println("\t4. Search a file");
        System.out.println("\t5. Exit");

    System.out.println("*********************************************************
********");
    }

    public static void getAllFiles() {
        File[] listOfFiles = new File(projectPath).listFiles();

        if (listOfFiles.length == 0)
            System.out.println("No files exist in the directory");
        else {
            for (var l : listOfFiles)
                System.out.println(l.getName());
        }

    }

    public static void createFile() {
        try {
            Scanner obj = new Scanner(System.in);
            String fileName;
            int lineCount;

            System.out.println("Enter file name:");
            fileName = obj.nextLine();
            System.out.println("Enter how many lines you want to add in
file:");

            lineCount = Integer.parseInt(obj.nextLine());

            FileWriter fw = new FileWriter(projectPath + "\\" + fileName);

            for (int i = 1; i <= lineCount; i++) {
                System.out.println("Enter file content line:");
                fw.write(obj.nextLine() + "\n");
            }
```

```java
                    System.out.println("File created successfully");
                    fw.close();
            } catch (Exception ex) {
                    System.out.println("Some exception occured");
            }
        }

        public static void deleteFiles() {
            try {
                    Scanner obj = new Scanner(System.in);
                    String fileName;

                    System.out.println("Enter file name to be deleted:");
                    fileName = obj.nextLine();

                    File fl = new File(projectPath + "\\" + fileName);

                    if (fl.exists()) {
                            fl.delete();
                            System.out.println("File deleted successfully");
                    } else {
                            System.out.println("File does not exist");
                    }
            } catch (Exception ex) {
                    System.out.println("Some exception occured");
            }
        }

        public static void searchFiles() {
            try {
                    Scanner obj = new Scanner(System.in);
                    String fileName;

                    System.out.println("Enter the file name to be searched:");
                    fileName = obj.nextLine();


                    File fl= new File(projectPath+"\\"+fileName);

                    if(fl.exists())
                    {
                    System.out.println("File is available");
                    }
                    else
                            {
                            System.out.println("File does not exist");
                            }
                    }
            catch(Exception ex)
                    {
                            System.out.println("Some exception occured");
                    }
}
}
```
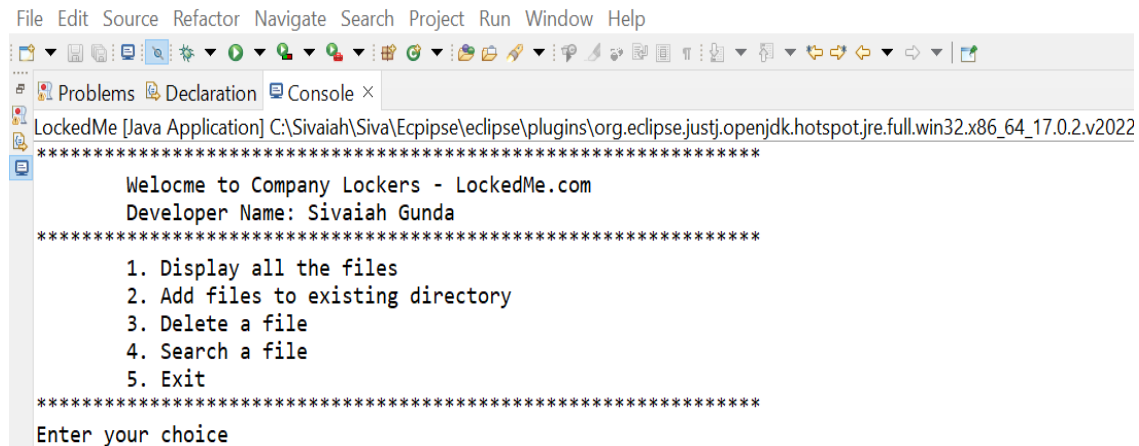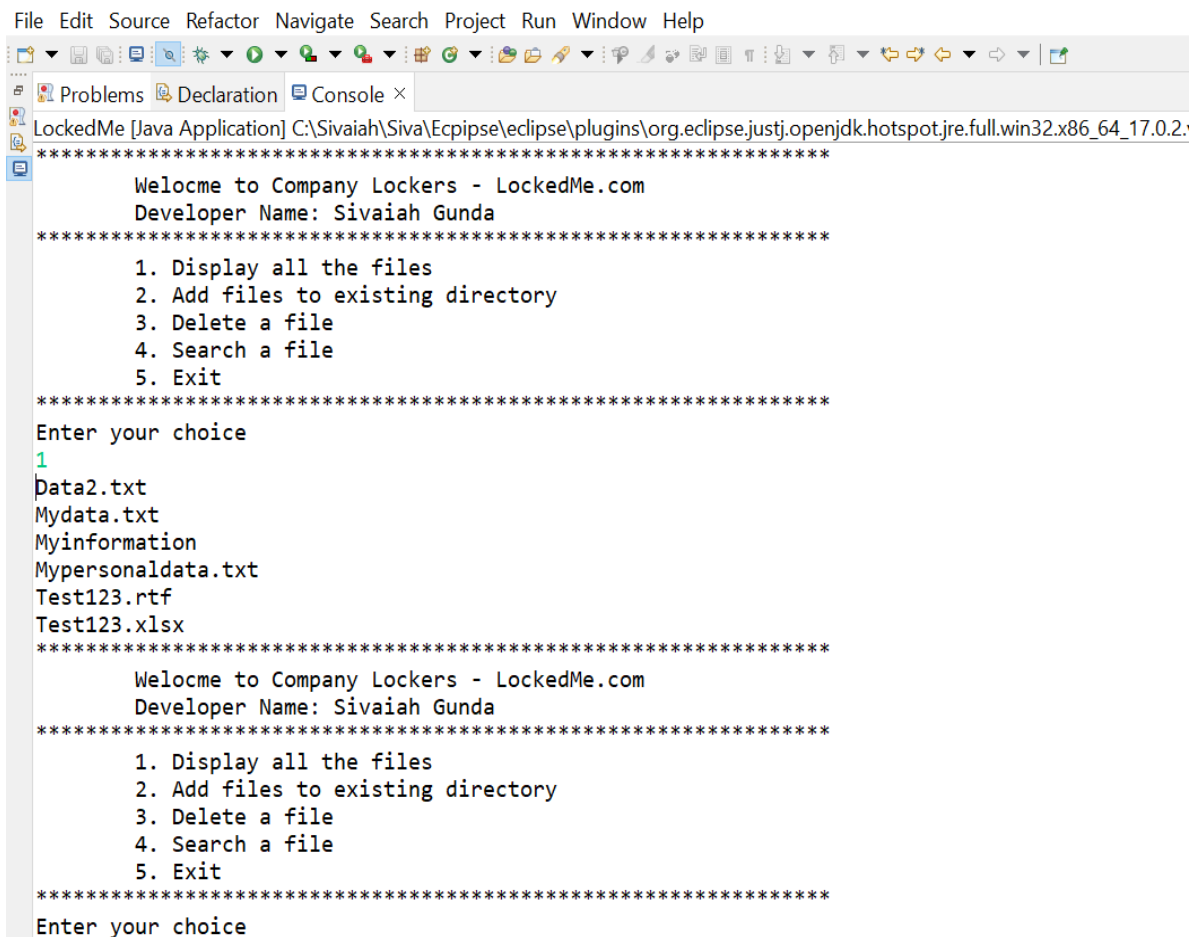
Screenshots

1. Main Menu

File Edit Source Refactor Navigate Search Project Run Window Help

Problems Declaration Console ×

LockedMe [Java Application] C:\Sivaiah\Siva\Ecpipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.2.v2022

```
****************************************************************
          Welocme to Company Lockers - LockedMe.com
          Developer Name: Sivaiah Gunda
****************************************************************
          1. Display all the files
          2. Add files to existing directory
          3. Delete a file
          4. Search a file
          5. Exit
****************************************************************
Enter your choice
```

2. Display all files

File Edit Source Refactor Navigate Search Project Run Window Help

Problems Declaration Console ×

LockedMe [Java Application] C:\Sivaiah\Siva\Ecpipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.2.v

```
****************************************************************
          Welocme to Company Lockers - LockedMe.com
          Developer Name: Sivaiah Gunda
****************************************************************
          1. Display all the files
          2. Add files to existing directory
          3. Delete a file
          4. Search a file
          5. Exit
****************************************************************
Enter your choice
1
Data2.txt
Mydata.txt
Myinformation
Mypersonaldata.txt
Test123.rtf
Test123.xlsx
****************************************************************
          Welocme to Company Lockers - LockedMe.com
          Developer Name: Sivaiah Gunda
****************************************************************
          1. Display all the files
          2. Add files to existing directory
          3. Delete a file
          4. Search a file
          5. Exit
****************************************************************
Enter your choice
```

3. Add files to the existing directory

Problems Declaration Console ×

LockedMe [Java Application] C:\Sivaiah\Siva\Ecpipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.2.v20220201-1208\jre\

```
****************************************************************
        Welocme to Company Lockers - LockedMe.com
        Developer Name: Sivaiah Gunda
****************************************************************
        1. Display all the files
        2. Add files to existing directory
        3. Delete a file
        4. Search a file
        5. Exit
****************************************************************
Enter your choice
2
Enter file name:
Simplilearn.txt
Enter how many lines you want to add in file:
2
Enter file content line:
Corejava training
Enter file content line:
phase 1 completed
File created successfully
****************************************************************
        Welocme to Company Lockers - LockedMe.com
        Developer Name: Sivaiah Gunda
****************************************************************
        1. Display all the files
        2. Add files to existing directory
        3. Delete a file
        4. Search a file
        5. Exit
****************************************************************
Enter your choice
```

4. Delete a file

Problems Declaration Console ×

LockedMe [Java Application] C:\Sivaiah\Siva\Ecpipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre

```
*************************************************************
        Welocme to Company Lockers - LockedMe.com
        Developer Name: Sivaiah Gunda
*************************************************************
        1. Display all the files
        2. Add files to existing directory
        3. Delete a file
        4. Search a file
        5. Exit
*************************************************************
Enter your choice
3
Enter file name to be deleted:
Mydata.txt
File deleted successfully
*************************************************************
        Welocme to Company Lockers - LockedMe.com
        Developer Name: Sivaiah Gunda
*************************************************************
        1. Display all the files
        2. Add files to existing directory
        3. Delete a file
        4. Search a file
        5. Exit
*************************************************************
Enter your choice

```

5. Search a file

LockedMe [Java Application] C:\Sivaiah\Siva\Ecpipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full

```
*****************************************************************
        Welocme to Company Lockers - LockedMe.com
        Developer Name: Sivaiah Gunda
*****************************************************************
        1. Display all the files
        2. Add files to existing directory
        3. Delete a file
        4. Search a file
        5. Exit
*****************************************************************
Enter your choice
4
Enter the file name to be searched:
Simplilearn.txt
File is available
*****************************************************************
        Welocme to Company Lockers - LockedMe.com
        Developer Name: Sivaiah Gunda
*****************************************************************
        1. Display all the files
        2. Add files to existing directory
        3. Delete a file
        4. Search a file
        5. Exit
*****************************************************************
Enter your choice
```

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