LockedMe Project submission
By
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Source Code Git Location: https://github.com/Dineshraut1903/LockedMe-Project.git

Source code:-

Main program:

```java
package lockedMeProject;
import java.util.*;
public class Main {
      public static void main(String[] args) {
            Scanner obj = new Scanner (System.in);
            int ch;
            do {
            LockedMe.displayMenu();
            System.out.println("Enter your choice");
            ch = Integer.parseInt(obj.nextLine());
            switch(ch)
            {
            case 1:Methods.getAllFiles();
            break;
            case 2:Methods.createFiles();
            break;
            case 3:Methods.deleteFiles();
            break;
            case 4:Methods.searchFiles();
            break;
            case 5:Methods.displayMenu();
            break;
            }
            }
            while(ch>0);
            obj.next();
            obj.close();


      }
      }
```

Methods :

1.displayMenu() - Displays all the options.
2.getAllFiles() - Gives the list of files
3.createFiles() - Creates file in path
4.deleteFlies() - Deletes file in path
5.searchFiles() – Searches file in path

Source code (Methods):

```
package lockedMeProject;
import java.io.File;
import java.io.FileWriter;
import java.util.Scanner;
public class Methods

{
        static final String projectFilesPath =
"C:\\Users\\KP\\Desktop\\Simplilearn\\Simiplilearn project\\LockedMe.com";

        public static void displayMenu() {

        System.out.println("****************************************************");
                        System.out.println("\tWelcome to LockedMe.com secure app");
                        System.out.println("\tDeveloped by : Dinesh Raut");


        System.out.println("****************************************************");
                        System.out.println("\t\t 1. Display all the files");
                        System.out.println("\t\t 2. Add a new file");
                        System.out.println("\t\t 3. Delete a file");
                        System.out.println("\t\t 4. Search a file");
                        System.out.println("\t\t 5. Exit");
        }
public static void getAllFiles() {
        File folder = new File(projectFilesPath);
        File[] listofFile = folder.listFiles();
        if(listofFile.length>0) {
                System.out.println("Files list is displayed below:");
                for(var l:listofFile) {
                        System.out.println(l.getName());

                }
        }
        else
        {
                System.out.println("folder is empty");
        }

}
public static void createFiles() {
```

```java
        try {
        Scanner obj = new Scanner(System.in);
        String fileName;
        System.out.println("Enter the file name");
        fileName = obj.nextLine();

        int linesCount;
        System.out.println("Enter how many files in line:");
        linesCount = Integer.parseInt(obj.nextLine());

        FileWriter fw = new FileWriter(projectFilesPath+"\\"+fileName);
        for (int i=1; i<=linesCount;i++) {
                System.out.println("Enter file line:");
                fw.write(obj.nextLine() + "\n");

        }
        System.out.println("File created successfully and content added");
        fw.close();
}catch(Exception e) {
        }

}
public static void deleteFiles() {
        Scanner obj = new Scanner(System.in);
        String fileName;
        System.out.println("Enter the file name:");
        fileName = obj.nextLine();
        File f = new File(projectFilesPath+"\\"+fileName);
        if(f.exists()) {
                f.delete();
                System.out.println("File deleted successfully");
        }
        else {
                System.out.println("File does not exists");
        }
}

public static void searchFiles() {
        Scanner obj = new Scanner(System.in);
        String fileName;
        System.out.println("Enter the file name:");
        fileName =obj.nextLine();
        File f = new File(projectFilesPath+"\\"+fileName);
        if(f.exists()) {
                System.out.println("File found");
        }
        else
        {
                System.out.println("File not found");
        }}}
```