

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

Source code:-

Main program:

```
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.deleteFiles() - 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 projectFilePath =
"C:\\Users\\KP\\Desktop\\Simplilearn\\Simplilearn 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(projectFilePath);
        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() {
```

```

        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(projectFilePath+"\\ "+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(projectFilePath+"\\ "+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(projectFilePath+"\\ "+fileName);
        if(f.exists()) {
            System.out.println("File found");
        }
        else
        {
            System.out.println("File not found");
        }
    }
}

```

```
}
```

Screenshots

1. Main Menu

```
*****
Welcome to LockedMe.com secure app
Developed by : Dinesh Raut
*****
1. Display all the files
2. Add a new file
3. Delete a file
4. Search a file
5. Exit
Enter your choice
```

2. Display all the files

```
*****
Welcome to LockedMe.com secure app
Developed by : Dinesh Raut
*****
1. Display all the files
2. Add a new file
3. Delete a file
4. Search a file
5. Exit
Enter your choice
1
Files list is displayed below:
checkit.docx
findit.txt
```

3. Add a file

```
*****
Welcome to LockedMe.com secure app
Developed by : Dinesh Raut
*****

1. Display all the files
2. Add a new file
3. Delete a file
4. Search a file
5. Exit

Enter your choice
2
Enter the file name
letsdoit
Enter how many files in line:
2
Enter file line:
hi hope everything
Enter file line:
going good
File created successfully and content added
```

4. Search for a file

```
*****
Welcome to LockedMe.com secure app
Developed by : Dinesh Raut
*****

1. Display all the files
2. Add a new file
3. Delete a file
4. Search a file
5. Exit

Enter your choice
4
Enter the file name:
letsdoit
File found
.....
```

5. Delete a file

```
*****
Welcome to LockedMe.com secure app
Developed by : Dinesh Raut
*****

1. Display all the files
2. Add a new file
3. Delete a file
4. Search a file
5. Exit

Enter your choice
3
Enter the file name:
letsdoit
File deleted successfully
```