

LockedMe Project

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Source Code GitHub Link:

Github link:- <https://github.com/daveshubham99/mynewrepo>

Source Code:

LockedMe FILE:-

```
package phase1Project;
import java.io.File;
import java.io.FileWriter;
import java.util.Scanner;
import java.io.IOException;

public class LockedMe {
    public static final String projectPath = "/Users/shubhamdave/eclipse-workspace/Simplilearnphase1project";

    public static void displayMenu()
    {
        System.out.println("\n\t\t*****");
        System.out.println("\t\t\t**Welcome to Locked.me App**");
        System.out.println("\t\t\t**Developed by Shubham Dave**");
        System.out.println("\t\t\t*****");
    }
}
```

```

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

    if (listofFiles.length>0)
    {
        System.out.println("File list is displayed below:\n");
        for (var l:listofFiles)
        {
            System.out.println(l.getName());
        }
    }
    else
    {
        System.out.println("Folder is empty");
    }
}

public static void addFiles()
{
    try {

        Scanner sc = new Scanner(System.in);
        String filename;
        System.out.println("Enter the filename ");
        filename= sc.nextLine();
        int linescount;
        System.out.println("Enter the no of line");
        linescount = Integer.parseInt(sc.nextLine());
        FileWriter fw = new FileWriter(projectPath+"/"+filename);
        for (int i=0;i<=linescount;i++)
        {
            System.out.println("Enter file line");
            fw.write(sc.nextLine()+"\n");
        }
        fw.close();
    }
    catch (Exception e)
    {
        System.out.println(e);
    }
}

public static void delFiles()
{
    Scanner sc = new Scanner(System.in);
    try
    {

```

```

        String filename;
        System.out.println("Enter file to be deleted");
        filename = sc.nextLine();
        File fw = new File(projectPath+"/"+filename);
        if (fw.exists())
        {
            fw.delete();
            System.out.println("file has been deleted");
        }
        else
        {
            System.out.println("File is not found");
        }
    }

    catch (Exception e) {
        // TODO: handle exception
    }

}

public static void fileSearch()
{
    Scanner sc = new Scanner(System.in);
    try
    {

        String filename;
        System.out.println("Enter file to be Search");
        filename = sc.nextLine();
        File fw = new File(projectPath+"/"+filename);
        if (fw.exists())
        {

            System.out.println("File Found with name:" +fw.getName());

        }
        else
        {
            System.out.println("File is not found");
        }
    }

    catch (Exception e) {
        // TODO: handle exception
    }

}
}

```

Client App :-

```
package phase1Project;

import java.util.Scanner;

public class ClientApp
{
    public static void main(String[] args)
    {
        int ch;
        Scanner sc = new Scanner(System.in);
        do {

            LockedMe.displayMenu();
            System.out.println("\t\t\t\t Enter your
choise :");
            System.out.println("\t\t\t\t 1. Display All Files

");
            System.out.println("\t\t\t\t 2. Add File ");
            System.out.println("\t\t\t\t 3. Delete file");
            System.out.println("\t\t\t\t 4. Search file");
            System.out.println("\t\t\t\t . Exit file");

            ch = Integer.parseInt(sc.nextLine());
            switch(ch)
            {
                case 1: LockedMe.getAllFiles();
                    break;
                case 2: LockedMe.addFiles();
                    break;
                case 3: LockedMe.delFiles();
                    break;
                case 4: LockedMe.fileSearch();
                    break;
                case 5: System.exit(0);
                    break;
                default:
                    System.out.println("Invalid option");
                    break;
            }
        }
```

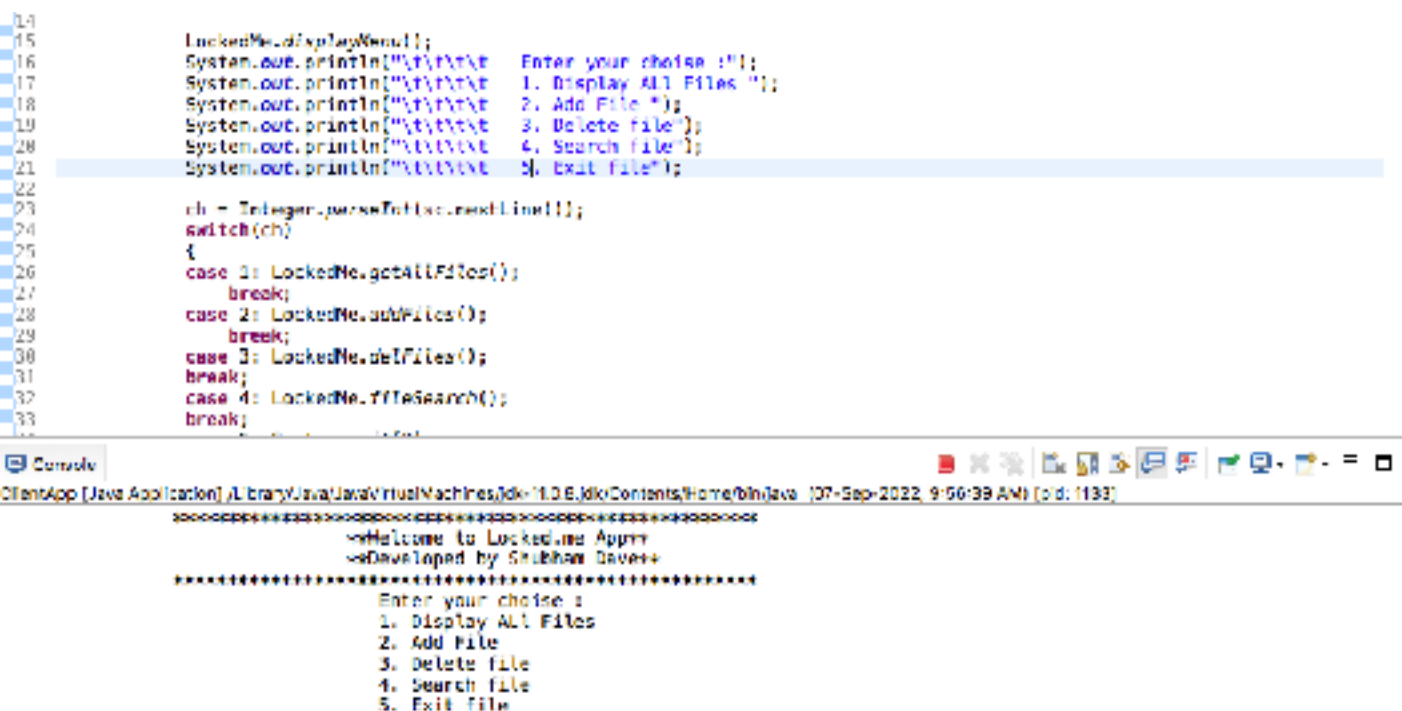
```

    }while(ch>0);
    sc.next();
    sc.close();
}
}

```

SCREENSHOTS

1. App Screen



The screenshot shows a Java IDE with two panels. The top panel displays the source code for a file management application. The bottom panel shows the console output of the application.

Source Code:

```

14 LockedMe.displayMenu();
15 System.out.println("\n\t\t\t\t\t Enter your choice :");
16 System.out.println("\n\t\t\t\t\t 1. Display All Files ");
17 System.out.println("\n\t\t\t\t\t 2. Add File ");
18 System.out.println("\n\t\t\t\t\t 3. Delete file");
19 System.out.println("\n\t\t\t\t\t 4. Search file");
20 System.out.println("\n\t\t\t\t\t 5. Exit file");
21
22
23 ch = Integer.parseInt(sc.nextLine());
24 switch(ch)
25 {
26 case 1: LockedMe.getAllFiles();
27     break;
28 case 2: LockedMe.addFiles();
29     break;
30 case 3: LockedMe.delFiles();
31     break;
32 case 4: LockedMe.findSearch();
33     break;
34 }

```

Console Output:

```

ClientApp [Java Application] \Library\Java\JavaVirtualMachines\jdk-11.0.6.Mk\Contents\Home\bin\java -107-Sep-2022, 9:56:39 AM [pid: 1133]
*****
Welcome to Locked.me App!!!
Developed by Shubham Daware
*****
Enter your choice :
1. Display All Files
2. Add File
3. Delete file
4. Search file
5. Exit file

```

2.While using display all file function

```
14 LockedMe.displayMenu();
15 System.out.println("\t\t\t\t Enter your choice :");
16 System.out.println("\t\t\t\t 1. Display All Files ");
17 System.out.println("\t\t\t\t 2. Add File ");
18 System.out.println("\t\t\t\t 3. Delete file");
19 System.out.println("\t\t\t\t 4. Search file");
20 System.out.println("\t\t\t\t 5. Exit file");
21
22
23 ch = Integer.parseInt(sc.nextLine());
24 switch(ch)
25 {
26     case 1: LockedMe.getAllFiles();
27         break;
28     case 2: LockedMe.addFiles();
29         break;
30     case 3: LockedMe.delFiles();
31         break;
32     case 4: LockedMe.fileSearch();
33         break;
34 }
35
36 Console
37 ClientApp [Java Application] /Library/Java/JavaVirtualMachines/jdk-11.0.8.jdk/Contents/Home/bin/java [07-Sep-2022, 0:58:30 AM] [pid: 1133]
38
39 Enter your choice :
40 1. Display All Files
41 2. Add File
42 3. Delete file
43 4. Search file
44 5. Exit file
45
46 File list is displayed below:
47
48 untitled folder
49 OS_Store
50 bin
51 classpath
52 settings
53 project
54 text
55 text
56 .rc
```

3.Using add file option.

```
14 LockedMe.displayMenu();
15 System.out.println("\t\t\t\t Enter your choice :");
16 System.out.println("\t\t\t\t 1. Display All Files ");
17 System.out.println("\t\t\t\t 2. Add File ");
18 System.out.println("\t\t\t\t 3. Delete file");
19 System.out.println("\t\t\t\t 4. Search file");
20 System.out.println("\t\t\t\t 5. Exit file");
21
22
23 ch = Integer.parseInt(sc.nextLine());
24 switch(ch)
25 {
26     case 1: LockedMe.getAllFiles();
27         break;
28     case 2: LockedMe.addFiles();
29         break;
30     case 3: LockedMe.delFiles();
31         break;
32 }
33
34 Console
35 ClientApp [Java Application] /Library/Java/JavaVirtualMachines/jdk-11.0.8.jdk/Contents/Home/bin/java [07-Sep-2022, 6:56:39 AM] [pid: 1132]
36
37 =====
38 ***WELCOME TO LOCKED.Me App***
39 ***Developed by Shubham Dore***
40 =====
41 Enter your choice :
42 1. Display All Files
43 2. Add File
44 3. Delete file
45 4. Search file
46 5. Exit file
47
48 Enter the filename
49 shubhamdore1
50 Enter the no of line
51 1
52 Enter file line
53 myname is shubhamdore
54 Enter file line
55 and i am learning on simplelearn
```

4.Using delete fuction.

```
14 LockedMe.displayMenu();
15 System.out.println("\t\t\t\t\t Enter your choice :");
16 System.out.println("\t\t\t\t\t 1. Display All Files ");
17 System.out.println("\t\t\t\t\t 2. Add File ");
18 System.out.println("\t\t\t\t\t 3. Delete file");
19 System.out.println("\t\t\t\t\t 4. Search file");
20 System.out.println("\t\t\t\t\t 5. Exit file");
21
22 ch = Integer.parseInt(sc.nextLine());
23 switch(ch)
24 {
25     case 1: LockedMe.getAllFiles();
26         break;
27     case 2: LockedMe.addFile();
28         break;
29     case 3: LockedMe.deleteFile();
30         break;
31 }

```

ClientApp (Java Application) (Library\Java\Javaw\bin\Medina\jdk-11.0.8\bin\Contents\bin\win\java (32-Sep-2022, 0:58:29 AM) [pid: 1132])

```
1
Enter file line
syndeeishubhandave
Enter file line
and i am learning on singlelearn
*****
**Welcome to Locked.me App**
**Developed by Sindhu Devare**
*****
Enter your choice :
1. Display All Files
2. Add File
3. Delete file
4. Search file
5. Exit file
3
Enter file to be deleted
syndeeishubhandave
file has been deleted

```

5. Search for the file

```
20 System.out.println("***** 7. Search file *****");
21 System.out.println("\t\t\t\t\t 5. Exit file");
22
23 ch = Integer.parseInt(sc.nextLine());
24 switch(ch)
25 {
26     case 1: LockedMe.getAllFiles();
27         break;
28     case 2: LockedMe.addFiles();
29         break;
30     case 3: LockedMe.deleteFiles();
31         break;
32     case 4: LockedMe.searchFile();
33         break;
34     case 5: LockedMe.exit();
35         break;
36     default:
37         break;
38 }
```

Console

ClientApp [Java Application] \Library\Java\JavaVirtualMachines\jdk-11.0.8.jdk\Contents/Home\bin\java (07-Sep-2022, 9:50:39 AM) [pid: 1733]

Enter file to be deleted
shubhandave1
file has been deleted

```
*****
**Welcome to Locked.me App**
**Developed by Shubham Daves**
*****
Enter your choice :
1. Display All Files
2. Add File
3. Delete file
4. Search file
5. Exit file
```

4
Enter file to be Search
text
File Found with nanastext

```
*****
**Welcome to Locked.me App**
**Developed by Shubham Daves**
*****
```


6.Exit program.

```
14 LockedMe.displayMenu();
15 System.out.println("\t\t\t\t Enter your choice :");
16 System.out.println("\t\t\t\t 1. Display All Files ");
17 System.out.println("\t\t\t\t 2. Add File ");
18 System.out.println("\t\t\t\t 3. Delete file");
19 System.out.println("\t\t\t\t 4. Search file");
20 System.out.println("\t\t\t\t 5. Exit file");
21
22
23 ch = Integer.parseInt(sc.nextLine());
24 switch(ch)
25 {
26 case 1: LockedMe.getAllFiles();
27     break;
28 case 2: LockedMe.addFiles();
29     break;
30 case 3: LockedMe.delFiles();
31     break;
32 }
```

Console

terminated • ClientApp [Java Application] /Library/Java/JavaVirtualMachines/dk-11.0.8-jdk-Contents/Home/bin/java (07-Sep-2022, 9:56:39 AM - 10:17:20 AM) [pid: 1139]

```
3. Delete file
4. Search file
5. Exit file

4
Enter file to be Search
text
File Found with name:text
=====
**Welcome to Locked.Me App**
**Developed by Shunhan Dave**
=====
Enter your choice :
1. Display All Files
2. Add File
3. Delete file
4. Search file
5. Exit file
```

THANK YOU
Phase 1 Project Submission
By:- Shubham Dave

