

**LockedMe Project**

**By**

**Rohan Karande**

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**GITHUB LINK: -**

**[https://github.com/codewithrohan10/Java\\_Phase1\\_LockedMeProject](https://github.com/codewithrohan10/Java_Phase1_LockedMeProject)**

## LockedMe Project Source Code--

```
package com.CompanyLockers;

import java.io.*;
import java.util.Scanner;

public class LockedMe {
    static final String
projectPath="C:\\FSJDPhase1_FinalProject\\CompanyLockersProject\\LockedMeFiles";

    public static void main(String[] args) {

        Scanner obj = new Scanner(System.in);
        int choice=1;
        do
        {
            displayMenu();
            System.out.println("Enter your choice:");
            choice = Integer.parseInt(obj.nextLine());
            switch (choice)
            {
                case 1 -> getAllFiles();
                case 2 -> addFiles();
                case 3 -> deleteFiles();
                case 4 -> searchFiles();
                case 5 -> System.exit(0) ;
                default -> System.out.println("Invalid Option !!\n");

            }
        }
        while (choice>0);
    }

    public static void displayMenu()
    {
        System.out.println("/-----~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~~::~\\");
        System.out.println("| \tWelcome to Company Lockers - LockedMe.com |");
        System.out.println("| \tDeveloper Name: Rohan Karande |");
        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\n");
    }
}
```

```

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

    public static void getAllFiles()
    {
        System.out.println("List Of Available Files : \n");
        File[] listOfFiles = new File(projectPath).listFiles();

        //if the folder is empty
        if(listOfFiles.length==0)
            System.out.println("No files exist in the directory\n");
        else
        {
            for(var l:listOfFiles)
            {
                System.out.println(l.getName() );
            }
        }
        System.out.println("\nHope we helped you, Thank You !!\n\n");
    }

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

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

            System.out.println("Enter how many lines you want to add in file");
            linesCount=Integer.parseInt(obj.nextLine());

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

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

            System.out.println("File Added Successfully !!\n");
            fw.close();
        }
    }

```

```

        catch (Exception e)
        {
            System.out.println("Oops, Some error occurred !!\n");
        }
        System.out.println("Hope we helped you, Thank You !!\n\n");
    }

    public static void deleteFiles()
    {
        Scanner obj = new Scanner(System.in);
        try
        {
            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 !!\n");
            }
            else
            {
                System.out.println("File does not exist");
            }
        }
        catch(Exception Ex)
        {
            System.out.println("Oops , Some error occurred !!");
        }
        System.out.println("Hope we helped you, Thank You !!\n\n");
    }

    public static void searchFiles()
    {
        Scanner obj = new Scanner(System.in);
        try
        {
            String fileName;
            System.out.println("Enter file name to be searched:");
            fileName=obj.nextLine();

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

            if(fl.exists())

```

```
{  
    System.out.println("File is available.\n");  
}  
else  
{  
    System.out.println("File is not available.\n ");  
}  
}  
catch(Exception Ex)  
{  
    System.out.println("Oops, Some error occurred !!");  
}  
System.out.println("Hope we helped you, Thank You !!\n\n");  
}  
}
```

## LockedMe Project Screenshots -

### MainMethod:-

```
/-----\
| Welcome to Company Lockers - LockedMe.com |
| Developer Name: Rohan Karande |
\-----/

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

*****

Enter your choice:
```

### Option1-DisplayAllFiles:-

```
Enter your choice:
1
List Of Available Files :

EmployeeDetails.txt
Finance.txt
HR&Management.txt
SupportTeam.txt
WelcomeKit.txt

Hope we helped you, Thank You !!
```

### Option2-AddingFile:-

```
Enter your choice:
2
Enter file name:
Java.txt
Enter how many lines you want to add in file
3
Enter file content line:
Java is one of the most widely used language.
Enter file content line:
Java is platform independent.
Enter file content line:
OOPS is one of the main concept of Java.
File Added Successfully !!

Hope we helped you, Thank You !!
```

### Option3-DeletingFile:-

```
Enter your choice:
3
Enter file name to be deleted:
Java.txt
File deleted successfully !!

Hope we helped you, Thank You !!
```

#### Option4-SearchingFile:-

```
Enter your choice:  
4  
Enter file name to be searched:  
Finance.txt  
File is available.  
  
Hope we helped you, Thank You !!
```

#### Option5-SystemExit

```
Enter your choice:  
5  
  
Process finished with exit code 0
```



DefaultOption:-

```
Enter your choice:
```

```
8
```

```
Invalid Option !!
```