

LockedMe Project Submission

By

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Source Code Git Location:

<https://github.com/Rajat266/Phase1-Project-LockedMe.git>

[Kindly refer to the link for source code and project related files]

LockedMe Project Source Code

Source Code :-

```
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:\\Users\\hp\\eclipse-
workspace\\CompanyLockersProject\\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:createFiles();
                    break;
                case 3:deleteFiles();
                    break;
                case 4:searchFiles();
                    break;
                case 5:System.exit(0);
                    break;
                default:System.out.println("Invalid Option");
                    break;
            }

        }

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

```

public static void displayMenu()
{
    System.out.println("*****");
    System.out.println("\tWelcome to Company Lockers - LockedMe.com");
    System.out.println("\tDeveloper Name : Rajat Jamkhandi");
    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 the folder is empty
    if(listofFiles.length==0)
        System.out.println("No files exist in the directory");
    else
    {
        for(File l:listofFiles)
        {
            System.out.println(l.getName());
        }
    }
}

public static void createFiles()
{
    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 Created Successfully");
    }
    catch(Exception ex)
    {
        System.out.println("Some error occured.");
    }
}

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");
        }
        else
        {
            System.out.println("File do not exist");
        }
    }
    catch(Exception Ex)
    {
        System.out.println("Some error occured");
    }
}

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

    catch(Exception Ex)
    {
    }

}
}

```

Screenshots of LockedMe Project –

- Welcome Screen

The screenshot displays the Eclipse IDE with the 'LockedMe.java' file open. The code defines a package 'com.company.lockers' and a class 'LockedMe'. It sets a 'projectPath' to 'C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles'. The 'main' method uses a 'Scanner' to read user input and calls 'displayMenu()'. The console output shows a welcome message, the developer's name 'Rajat Jamkhandi', and a menu with five options: 1. Display all the files, 2. Add files to existing directory, 3. Delete a file, 4. Search a file, and 5. Exit. The prompt 'Enter your choice:' is visible at the bottom of the console.

```

LockedMe.java
1 package com.company.lockers;
2
3 import java.io.File;
4
5
6
7
8 public class LockedMe
9 {
10     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
11
12     public static void main(String[] args)
13     {
14         Scanner obj = new Scanner(System.in);
15         int ch;
16
17         do
18         {
19
20             displayMenu();
21             System.out.println("Enter your choice:");

```

```

LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.3.v20220515-1416\jre\bin\javaw.exe (11-Sep-2022, 12:42:25 am) [pid: 13752]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Rajat Jamkhandi
*****
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) Display all the files

```
LockedMe.java ×
1 package com.company.lockers;
2
3 import java.io.File;
4
5
6
7
8 public class LockedMe
9 {
10     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
11
12     public static void main(String[] args)
13     {
14         Scanner obj = new Scanner(System.in);
15         int ch;
16
17         do
18         {
19             displayMenu();
20             System.out.println("Enter your choice:");
21
Console ×
LockedMe [Java Application] C:\\Users\\hp\\p2\\pool\\plugins\\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.3.v20220515-1416\\jre\\bin\\javaw.exe (11-Sep-2022, 12:57:54 am) [pid: 16452]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Rajat Jamkhani
*****
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
Employee.txt
Finance.txt
Hello.txt
Mypersonalinfo.txt
Personal Work.txt
*****
```

2) Add files to existing directory

```
LockedMe.java ×
1 package com.company.lockers;
2
3 import java.io.File;
4
5
6
7
8 public class LockedMe
9 {
10     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
11
12     public static void main(String[] args)
13     {
14         Scanner obj = new Scanner(System.in);
15         int ch;
16
17         do
18         {
19             displayMenu();
20             System.out.println("Enter your choice:");
21
Console ×
LockedMe [Java Application] C:\\Users\\hp\\p2\\pool\\plugins\\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.3.v20220515-1416\\jre\\bin\\javaw.exe (11-Sep-2022, 1:02:35 am) [pid: 19568]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Rajat Jamkhani
*****
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:
Project Experience
Enter how many lines you want to add in file:
2
Enter file content line:
Was Fun learning
Enter file content line:
Completed and learnt various things
File Created Successfully
*****
```

3) Delete a file

```
LockedMe.java ×
1 package com.company.lockers;
2
3 import java.io.File;
4
5
6
7
8 public class LockedMe
9 {
10     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
11
12     public static void main(String[] args)
13     {
14         Scanner obj = new Scanner(System.in);
15         int ch;
16
17         do
18         {
19             displayMenu();
20             System.out.println("Enter your choice:");
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5) Exit

```
LockedMe.java ×
1 package com.company.lockers;
2
3 import java.io.File;
4
5
6
7
8 public class LockedMe
9 {
10     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
11
12     public static void main(String[] args)
13     {
14         Scanner obj = new Scanner(System.in);
15         int ch;
16
17         do
18         {
19
20             displayMenu();
21             System.out.println("Enter your choice:");
```

Console ×

```
<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.3.v20220515-1416\jre\bin\javaw.exe (11-Sep-2022, 1:18:01 am – 1:18:04 am)
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Rajat Jamkhandi
*****
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
```