

➤ REGISTRATION LOGIN PAGE

```
***** WELCOME TO LockedMe.com *****

----- Your personal Digital LOCKER -----

=====

1 .Registration
2 .Login
|
=====

***** WELCOME TO REGISTRATION PAGE *****

=====

Enter Username :
BHAGYASHREE
Enter Password :
123
Access Granted! Welcome!
```

➤ MAIN MENU APPLICATION

```
----- WELCOME Main Menu LockedMe.com-----

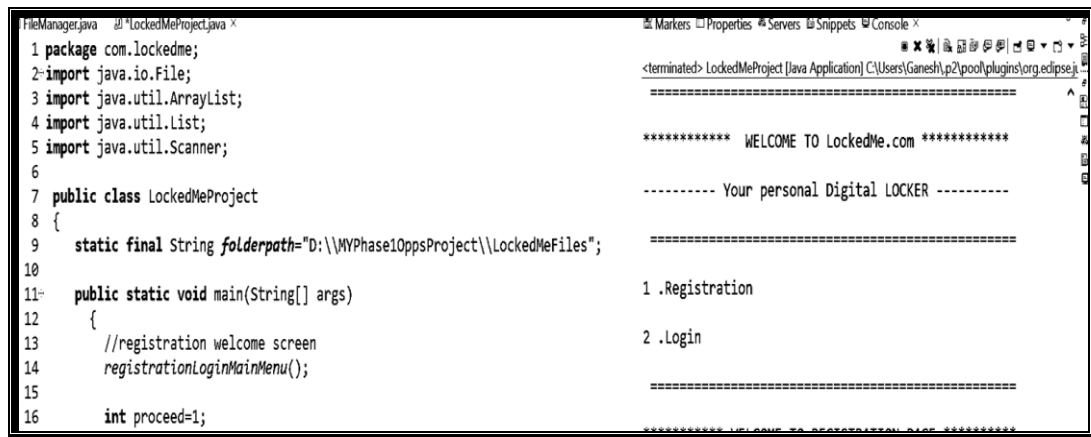
*****

.Retrieve all files
.create a new file
.Delete a file
.Search a file
.Exit
*****

-----ENTER YOUR CHOICE-----

*****
```

INPUT OUTPUT SCREEN SHOT



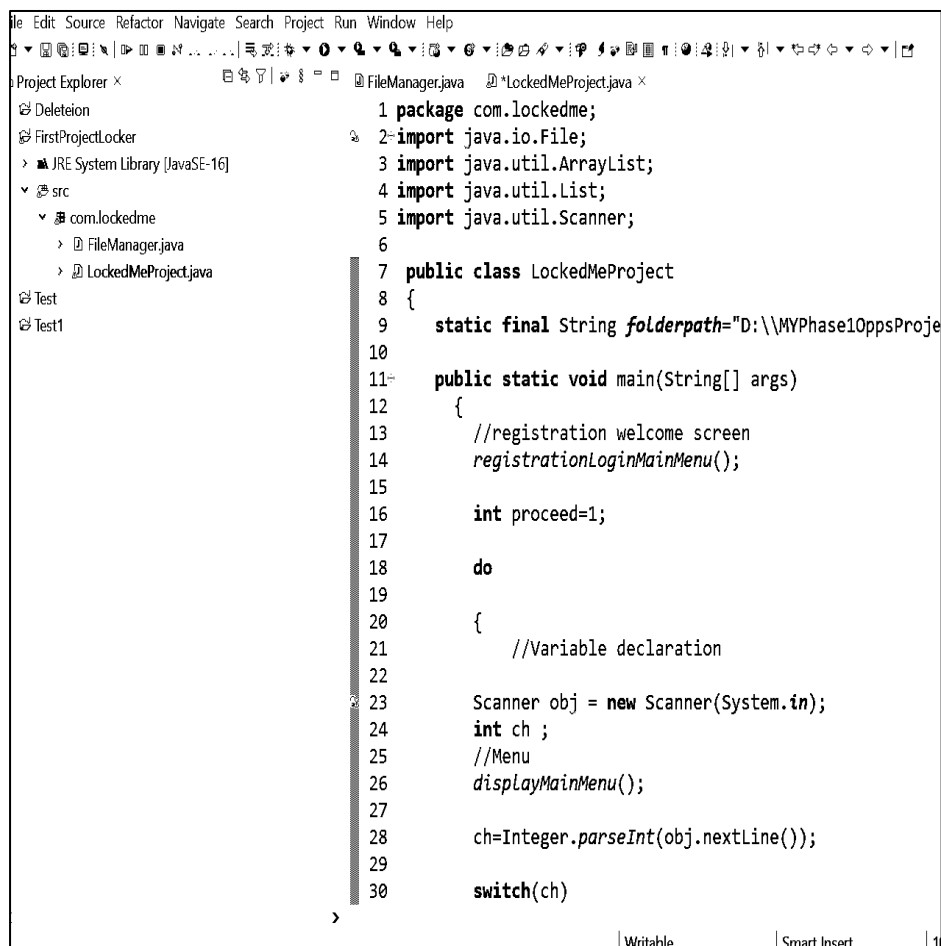
The screenshot shows an IDE with two panes. The left pane displays the source code for `LockedMeProject.java`. The right pane shows the console output.

```
FileManager.java  LockedMeProject.java x
1 package com.lockedme;
2 import java.io.File;
3 import java.util.ArrayList;
4 import java.util.List;
5 import java.util.Scanner;
6
7 public class LockedMeProject
8 {
9     static final String folderpath="D:\\MYPhase1OppsProject\\LockedMeFiles";
10
11     public static void main(String[] args)
12     {
13         //registration welcome screen
14         registrationLoginMainMenu();
15
16         int proceed=1;
```

Console Output:

```
<terminated> LockedMeProject [Java Application] C:\Users\Ganesh\p2\pool\plugins\org.eclipse.j
=====
***** WELCOME TO LockedMe.com *****
----- Your personal Digital LOCKER -----
=====
1 .Registration
2 .Login
=====
***** WELCOME TO REGISTRATION PAGE *****
```

PROJECT FOLDER SCREENSHOT



The screenshot shows an IDE with the Project Explorer on the left and the source code in the center.

Project Explorer:

- FirstProjectLocker
 - JRE System Library [JavaSE-16]
 - src
 - com.lockedme
 - FileManager.java
 - LockedMeProject.java
 - Test
 - Test1

Source Code:

```
1 package com.lockedme;
2 import java.io.File;
3 import java.util.ArrayList;
4 import java.util.List;
5 import java.util.Scanner;
6
7 public class LockedMeProject
8 {
9     static final String folderpath="D:\\MYPhase1OppsProje
10
11     public static void main(String[] args)
12     {
13         //registration welcome screen
14         registrationLoginMainMenu();
15
16         int proceed=1;
17
18         do
19         {
20             //Variable declaration
21
22             Scanner obj = new Scanner(System.in);
23             int ch ;
24             //Menu
25             displayMainMenu();
26
27             ch=Integer.parseInt(obj.nextLine());
28
29             switch(ch)
```

RETRIEVE THE ALL FILE INPUT CODE

```
// RETRIVE ALL FILE NAME
public static void getAllFiles()
{
    //GET THE FILE NAME
    List<String> fileNames = FileManager.getAllFiles(folderpath);

    for(String f:fileNames)
        System.out.println(f);
}
```

OUTPUT :

```
----- WELCOME Main Menu LockedMe.com-----

*****

.Retrive all files
.create a new file
.Delete a file
.Search a file
.Exit
*****

-----ENTER YOUR CHOICE-----

*****
```

I. Registration Login Menu input code :

```
public static void registrationLoginMainMenu()
{
    String Username;
    String Password;
    Password = "123";
    Username = "BHAGYASHREE";
    System.out.println("=====\n");
    System.out.println("***** WELCOME TO LockedMe.com *****\n");
    System.out.println("----- Your personal Digital LOCKER -----\n");
    System.out.println("=====\n");
    System.out.println("1 .Registration \n" );
    System.out.println("2 .Login \n" );
    System.out.println("=====\n");
    System.out.println("***** WELCOME TO REGISTRATION PAGE *****\n");
    System.out.println("=====\n");

    Scanner input1 = new Scanner(System.in);
    System.out.println("Enter Username : ");
    String username = input1.next();

    Scanner input2 = new Scanner(System.in);
    System.out.println("Enter Password : ");
    String password = input2.next();

    if (username.equals(Username) && password.equals>Password))
    {
        System.out.println("Access Granted! Welcome!");
    }

    else if (username.equals(Username))
    {
        System.out.println("Invalid Password!");
    }
    else if (password.equals>Password))
    {
        System.out.println("Invalid Username!");
    }
}
```

OUTPUT :

```
***** WELCOME TO LockedMe.com *****
----- Your personal Digital LOCKER -----
=====
1 .Registration
2 .Login
|
=====
***** WELCOME TO REGISTRATION PAGE *****
=====

Enter Username :
BHAGYASHREE
Enter Password :
123
Access Granted! Welcome!
```

Display Main Menu input code

```
public static void displayMainMenu()  
{  
    System.out.println("*****");  
    System.out.println("----- WELCOME Main Menu LockedMe.com-----\n");  
    System.out.println("*****");  
    System.out.println("1.Retrieve all files");  
    System.out.println("2.create a new file");  
    System.out.println("3.Delete a file");  
    System.out.println("4.Search a file");  
    System.out.println("5.Exit");  
    System.out.println("*****");  
    System.out.println(" -----ENTER YOUR CHOICE-----\n");  
    System.out.println("*****");  
}
```

OUTPUT :

```
----- WELCOME Main Menu LockedMe.com-----  
  
*****  
.Retrieve all files  
.create a new file  
.Delete a file  
.Search a file  
.Exit  
*****  
  
-----ENTER YOUR CHOICE-----  
  
*****
```

||| . Create New File input code

```
//CREATE ALL FILE NAMES
public static void createFiles()
{
    //Variable Declaration
    Scanner obj = new Scanner(System.in);
    String fileName;
    int linesCount;
    List<String> content = new ArrayList<String>();

    //Read file name from user
    System.out.println("Enter The FileName:");
    fileName = obj.nextLine();

    //Read number of lines from user
    System.out.println("Enter how many lines in the file:");
    linesCount = Integer.parseInt(obj.nextLine());

    //Read Lines from user
    for(int i=1; i<=linesCount; i++)
    {
        System.out.println("Enter line" +i+ ":");
        content.add(obj.nextLine());
    }

    //Save and store the content into the file
    boolean isSaved = FileManager.createFiles(folderpath, fileName, content);

    if(isSaved)
    {
        System.out.println("File and data.saved successfully");
    }
    else
    {
        System.out.println("some error occured please contact admin@meg.com ");
    }
    //close Scanner object
}
```

OUTPUT :

```
2
Enter The FileName:
test.txt
Enter how many lines in the file:
1
Enter line1:
GOOD EXAM GOING
File and data.saved successfully
*****
----- WELCOME Main Menu LockedMe.com-----
*****
1.Retrive all files
2.create a new file
3.Delete a file
4.Search a file
5.Exit
*****
-----ENTER YOUR CHOICE-----
*****
```

Iv . Delete File input code Search File

```
/**
 * THIS METHOD IS USED FOR DELETE THE FILE
 */
//DELETE THE FILE
public static void deleteFile()
{
    //code for deleting a file
    String fileName;

    Scanner obj = new Scanner(System.in);
    System.out.println("ENTER FILE NAME TO BE DELETED: ");
    fileName = obj.nextLine();
    boolean isDeleted = FileManager.deleteFile(folderpath ,fileName);
    {
        if(isDeleted)
        {
            System.out.println("FILE DELETED SUCCESSFULLY:");
        }
        else
        {
            System.out.println("EITHER FILE NOT THERE OR SOME ACCESS ISSUE: ");
        }
    }
    //close Scanner object
    obj.close();
}
```

OUTPUT :

```
*****
-----ENTER YOUR CHOICE-----
*****
3
ENTER FILE NAME TO BE DELETED:
JAVA.txt
FILE DELETED SUCCESSFULLY:
*****
----- WELCOME Main Menu LockedMe.com-----
*****
1.Retrieve all files
2.create a new file
3.Delete a file
4.Search a file
5.Exit
*****
-----ENTER YOUR CHOICE-----
```

Whole input and output screen shot

```
sourcecoding - FirstProjectLocker/src/com/lockedme/LockedMeProject.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
*LockedMeProject.java x
1 package com.lockedme;
2 import java.io.File;
3 import java.util.ArrayList;
4 import java.util.List;
5 import java.util.Scanner;
6 public class LockedMeProject
7 {
8     static final String folderpath="D:\\MYPhase1OppsProject\\LockedMeFiles";
9     public static void main(String[] args)
10     {
11         //registration welcome screen
12         registrationLoginMainMenu();
13         int proceed=1;
14         do
15         {
16             //Variable declaration
17             Scanner obj = new Scanner(System.in);
18             int ch ;
19             //Menu
20             displayMainMenu();
21             ch=Integer.parseInt(obj.nextLine());
22             switch(ch)
23             {
24                 case 1 : getAllFiles();
25                     break;
26                 case 2 : createFiles();
27                     break;
28                 case 3 : deleteFile();
29                     break;
30                 case 4 : searchFile();
```

```
lockedMeProject.java x
1         break;
2         case 5 : System.exit(0);
3         break;
4         default :System.out.println("invalid operation");
5         break;
6     }
7     } while(proceed>0);
8 }
9
10
11 public static void registrationLoginMainMenu()
12 {
13     String Username;
14     String Password;
15     Password = "123";
16     Username = "BHAGYASHREE";
17     System.out.println("=====\\n");
18     System.out.println("***** WELCOME TO LockedMe.com *****\\n");
19     System.out.println("----- Your personal Digital LOCKER -----\\n");
20     System.out.println("=====\\n");
21     System.out.println("1 .Registration \\n" );
22     System.out.println("2 .Login \\n" );
23     System.out.println("=====\\n");
24     System.out.println("***** WELCOME TO REGISTRATION PAGE *****\\n");
25     System.out.println("=====\\n");
26
27     Scanner input1 = new Scanner(System.in);
28     System.out.println("Enter Username : ");
29     String username = input1.next();
30 }
```


lockedMeProject.java ×

```
1 Scanner input2 = new Scanner(System.in);
2 System.out.println("Enter Password : ");
3 String password = input2.next();
4
5 if (username.equals(Username) && password.equals>Password))
6 {
7
8     System.out.println("Access Granted! Welcome!");
9 }
10
11 else if (username.equals(Username))
12 {
13     System.out.println("Invalid Password!");
14 }
15 else if (password.equals>Password))
16 {
17     System.out.println("Invalid Username!");}}
18 public static void displayMainMenu()
19 {
20     System.out.println("*****");
21     System.out.println("----- WELCOME Main Menu LockedMe.com-----\n");
22     System.out.println("*****");
23     System.out.println("1.Retrieve all files");
24     System.out.println("2.create a new file");
25     System.out.println("3.Delete a file");
26     System.out.println("4.Search a file");
27     System.out.println("5.Exit");
28     System.out.println("*****");
29     System.out.println(" -----ENTER YOUR CHOICE-----\n");
30     System.out.println("*****");
```

LockedMeProject.java ×

```
31 }
32 // RETRIVE ALL FILE NAME
33 public static void getAllFiles()
34 {
35     //GET THE FILE NAME
36     List<String> fileNames = FileManager.getAllFiles(folderpath);
37
38     for(String f:fileNames)
39         System.out.println(f);
40 }
41 /**
42  * THIS METHOD IS USED FOR CREATE THE FILES
43  */
44 //CREATE ALL FILE NAMES
45 public static void createFiles()
46 {
47     //Variable Declartion
48     Scanner obj = new Scanner(System.in);
49     String fileName;
50     int linesCount;
51     List<String> content = new ArrayList<String>();
52
53     //Read file name from user
54     System.out.println("Enter The FileName:");
55     fileName = obj.nextLine();
56
57     //Read number of lines from user
58     System.out.println("Enter how many lines in the file:");
59     linesCount = Integer.parseInt(obj.nextLine());
60 }
```

```

for(int i=1; i<=linesCount; i++)
{
System.out.println("Enter line" +i+ ":");
content.add(obj.nextLine());
}
//Save and store the content into the file
boolean isSaved = FileManager.createFiles(folderpath, fileName, content);
if(isSaved)
{
System.out.println("File and data.saved successfully");
}
else
{
System.out.println("some error ocured please contact admin@meg.com ");
}
//close Scanner object
//obj.close();
}
-/**
 * THIS METHOD IS USED FOR DELETE THE FILE
 */
//DELETE THE FILE
public static void deleteFile()
{
    //code for deleting a file
    String fileName;

Scanner obj = new Scanner(System.in);
System.out.println("ENTER FILE NAME TO BE DELETED: ");
fileName = obj.nextLine();

```

```

lockedMeProject.java ×
9 boolean isDeleted =FileManager.deleteFile(folderpath ,fileName);
0 {
1 if(isDeleted) {
2 System.out.println("FILE DELETED SUCCESSFULLY:");}
3 else
4 {System.out.println("EITHER FILE NOT THERE OR SOME ACCESS ISSUE: ");}
5 }
6 //close Scanner object
7 //obj.close();
8 }
9 /**
0 * THIS IS METHOD IS USED FOR SERACH THE FILE
1 */
2 //SEARCH THE FILE
3 public static void searchFile()
4 { //code for searching a file
5     String fileName;
6     Scanner obj = new Scanner(System.in);
7     System.out.println("ENTER THE FILE NAME TO BE SEARCHED:");
8     fileName= obj.nextLine();
9 boolean isFound =FileManager.searchFile(folderpath,fileName);
0     if(isFound)
1 {System.out.println("FILE IS PRESENT IN THE FOLDER:");}
2 }
3     else
4     {
5
6         System.out.println("FILE IS NOT PRESENT IN THE FOLDER ");
7 }
8 }

```

Output :

```
Console x
<terminated> LockedMeProject [Java Application] C:\Users\Ganesh\.p2\pool\plugins\org.e
=====

***** WELCOME TO LockedMe.com *****

----- Your personal Digital LOCKER -----

=====

1 .Registration
2 .Login

=====

***** WELCOME TO REGISTRATION PAGE *****

=====

Enter Username :
BHAGYASHREE
Enter Password :
123
Access Granted! Welcome!
*****
----- WELCOME Main Menu LockedMe.com-----
*****
1.Retrive all files
```

```
Console x
<terminated> LockedMeProject [Java Application] C:\Users\Ganesh\.p2\pool\plugins\org.eclips
2.create a new file
3.Delete a file
4.Search a file
5.Exit
*****
-----ENTER YOUR CHOICE-----
*****
1
CLASS.TXT
coding.txt
Exam.txt
Hello.txt
image.txt
Notes1.txt
oppsjava.txt
Project.txt
test.txt
*****
----- WELCOME Main Menu LockedMe.com-----
*****
1.Retrive all files
2.create a new file
3.Delete a file
4.Search a file
5.Exit
*****
-----ENTER YOUR CHOICE-----
```

```

2
Enter The FileName:
CLASS2.TXT
Enter how many lines in the file:
1
Enter line1:
HI CLASS LECTURE IS OVER OR NOT
File and data.saved successfully
*****
----- WELCOME Main Menu LockedMe.com-----

*****

1.Retrive all files
2.create a new file
3.Delete a file
4.Search a file
5.Exit
*****
-----ENTER YOUR CHOICE-----

*****

```

```

Console x
<terminated> LockedMeProject [Java Application] C:\Users\Ganesh\p2\pool\plugins\org.e
3
ENTER FILE NAME TO BE DELETED:
CLASS.TXT
FILE DELETED SUCCESSFULLY:
*****
----- WELCOME Main Menu LockedMe.com-----

*****

1.Retrive all files
2.create a new file
3.Delete a file
4.Search a file
5.Exit
*****
-----ENTER YOUR CHOICE-----

*****

4
ENTER THE FILE NAME TO BE SEARCHED:
CLASS2.TXT
FILE IS NOT PRESENT IN THE FOLDER
*****
----- WELCOME Main Menu LockedMe.com-----

*****

1.Retrive all files
2.create a new file
3.Delete a file
4.Search a file

```

```

*****
-----ENTER YOUR CHOICE-----

```

```

*****

```

5