```
START
APPLICATION
```

```
WELCOME SCREEN
(Application Name
and Developer
```

```
Taking Path Directory from
User    [
```

```
1. files and folders sort
2.Add ,delete and Search
3.quit
```

```
Displaying Files and
Folders are sorted in
ascending order.
```

```
Taking file name as
input from user
```

```
1. Add file
2. Delete file
3. Search file
4. Return to main menu
5. Quit
```

```
>File is added if not present
>If present, it shows already exists
```

```
>File is Deleted if present
>If not present, File not Found
```

```
>File is Searched and path of file is
shown if present
>If not present, File not Found
```

1

2

3

1

2

3

4

5

```java
1   package mypackage;
2   import java.io.File;
3   import java.io.IOException;
4   import java.util.Arrays;
5   import java.util.Scanner;
6   public class Lockedme {
7       static String DIRECTORY;
8       File folder_name;
9       public Lockedme() {
10          DIRECTORY = System.getProperty("user.dir");
11          folder_name = new File(DIRECTORY+"/files");
12          if (!folder_name.exists())
13              folder_name.mkdirs();
14          System.out.println("Welcome to Lockedme.com ");
15          System.out.println("Project devoloped by Malavath Srinivas");
16
17          System.out.println("DIRECTORY : "+ folder_name.getAbsolutePath());
18
19      }
20      private static final String WELCOME_PROMPT =
21              "\n<LockedMe.com >"+
22                  "\n< Malavath Srinivas >\n";
23      private static final String MAIN_MENU_PROMPT =
24              "\nMAIN MENU - Select any of the following: \n"+
25                  "1 -> List files in directory\n"+
26                  "2 -> Add, Delete or Search\n"+
27                  "3 -> Exit Program";
28      private static final String SECONDARY_MENU_PROMPT =
29          "   \nSelect any of the following: \n"+
30              "   a -> Add a file\n"+
31              "   b -> Delete a file\n"+
32              "   c -> Search a file\n"+
33              "   d -> GoBack";
34      void showPrimaryMenu() {
35          System.out.println(MAIN_MENU_PROMPT);
36          try{
37              @SuppressWarnings("resource")
38              Scanner scanner = new Scanner(System.in);
39              int option = scanner.nextInt();
```

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Test.java   TypecastingDemo.java   ArthDemo.java   unaryDemo.java   RelationalDemo.java   LogicalDemo.java   Lockedme.java ×   LockedMe.java

```java
40              switch (option){
41                  case 1 : {
42                      showFiles();
43                      showPrimaryMenu();
44                  }
45                  case 2 : {
46                      showSecondaryMenu();
47                  }
48                  case 3 : {
49                      System.out.println("Thank You");
50                      System.out.println("From Malavath Srinivas");
51                      System.exit(0);
52                  }
53                  default: showPrimaryMenu();
54              }
55          }
56          catch (Exception e){
57              System.out.println("Please enter 1, 2 or 3");
58              showPrimaryMenu();
59          }
60      }
61      void showSecondaryMenu() {
62          System.out.println(SECONDARY_MENU_PROMPT);
63          try{
64              @SuppressWarnings("resource")
65              Scanner scanner = new Scanner(System.in);
66              char[] input = scanner.nextLine().toLowerCase().trim().toCharArray();
67              char option = input[0];
68
69              switch (option){
70                  case 'a' : {
71                      System.out.println("\ Adding a file...Please Enter a File Name : ");
72                      System.out.print("\ Adding a file...Please Enter a File Name : ");
73                      String filename = scanner.next().trim().toLowerCase();
74                      addFile(filename);
75                      break;
76                  }
77                  case 'b' : {
78                      System.out.println("\ Deleting a file...Please Enter a File Name : ");
```

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File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Test.java   TypecastingDemo.java   ArthDemo.java   unaryDemo.java   RelationalDemo.java   LogicalDemo.java   Lockedme.java ✕   LockedMe.java

```java
 78                     System.out.println("↳ Deleting a file...Please Enter a File Name : ");
 79                     System.out.print("↳ Deleting a file...Please Enter a File Name : ");
 80                     String filename = scanner.next().trim();
 81                     deleteFile(filename);
 82                     break;
 83                 }
 84                 case 'c' : {
 85                     System.out.println("↳ Searching a file...Please Enter a File Name : ");
 86                     System.out.print("↳ Searching a file...Please Enter a File Name : ");
 87                     String filename = scanner.next().trim();
 88                     searchFile(filename);
 89                     break;
 90                 }
 91
 92
 93                 case 'd' : {
 94                     System.out.println("Going Back to MAIN menu");
 95                     showPrimaryMenu();
 96                     break;
 97                 }
 98                 default : System.out.println("Please enter a, b, c , or d");
 99             }
100             showSecondaryMenu();
101         }
102         catch (Exception e){
103             System.out.println("Please enter a, b, c , or d");
104             showSecondaryMenu();
105         }
106     }
107
108     void showFiles() {
109         if (folder_name.list().length==0)
110             System.out.println("The folder is empty");
111         else {
112             String[] list = folder_name.list();
113             System.out.println("The files in "+ folder_name +" are :");
114             Arrays.sort(list);
115             for (String str:list) {
116                 System.out.println(str);
```

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```java
117                 }
118             }
119         }
120     void addFile(String filename) throws IOException {
121         File filepath = new File(folder_name +"/"+filename);
122         String[] list = folder_name.list();
123         for (String file: list) {
124             if (filename.equalsIgnoreCase(file)) {
125                 System.out.println("File " + filename + " already exists at " + folder_name);
126                 return;
127             }
128         }
129         filepath.createNewFile();
130         System.out.println("File "+filename+" added to "+ folder_name);
131     }
132     void deleteFile(String filename) {
133         File filepath = new File(folder_name +"/"+filename);
134         String[] list = folder_name.list();
135         for (String file: list) {
136             if (filename.equals(file) && filepath.delete()) {
137                 System.out.println("File " + filename + " deleted from " + folder_name);
138                 return;
139             }
140         }
141         System.out.println("Delete Operation failed. FILE NOT FOUND");
142     }
143     void searchFile(String filename) {
144         String[] list = folder_name.list();
145         for (String file: list) {
146             if (filename.equals(file)) {
147                 System.out.println("FOUND : File " + filename + " exists at " + folder_name);
148                 return;
149             }
150         }
151         System.out.println("File NOT found (FNF)");
152     }
153
154     public static void main(String[] args) {
155         System.out.println(WELCOME_PROMPT);
```

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```java
            if (filename.equalsIgnoreCase(file)) {
                System.out.println("File " + filename + " already exists at " + folder_name);
                return;
            }
        }
        filepath.createNewFile();
        System.out.println("File "+filename+" added to "+ folder_name);
    }
    void deleteFile(String filename) {
        File filepath = new File(folder_name +"/"+filename);
        String[] list = folder_name.list();
        for (String file: list) {
            if (filename.equals(file) && filepath.delete()) {
                System.out.println("File " + filename + " deleted from " + folder_name);
                return;
            }
        }
        System.out.println("Delete Operation failed. FILE NOT FOUND");
    }
    void searchFile(String filename) {
        String[] list = folder_name.list();
        for (String file: list) {
            if (filename.equals(file)) {
                System.out.println("FOUND : File " + filename + " exists at " + folder_name);
                return;
            }
        }
        System.out.println("File NOT found (FNF)");
    }

    public static void main(String[] args) {
        System.out.println(WELCOME_PROMPT);
        Lockedme menu = new Lockedme();
        menu.showPrimaryMenu();
    }
}
```

```
<LockedMe.com >
< Malavath Srinivas >

Welcome to Lockedme.com
Project devoloped by Malavath Srinivas
DIRECTORY : C:\Simple learn\eclipse\AugWeekend\files

MAIN MENU - Select any of the following:
1 -> List files in directory
2 -> Add, Delete or Search
3 -> Exit Program
```

LockedMe [Java Application] C:\Users\...\...

...

<LockedMe.com >
< Malavath Srinivas >

Welcome to Lockedme.com
Project devoloped by Malavath Srinivas
DIRECTORY : C:\Simple learn\eclipse\AugWeekend\files

MAIN MENU - Select any of the following:
1 -> List files in directory
2 -> Add, Delete or Search
3 -> Exit Program
2

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack
a
 Adding a file...Please Enter a File Name :
 Adding a file...Please Enter a File Name : myfile
File myfile added to C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack

```
< Malavath Srinivas >

Welcome to Lockedme.com
Project devoloped by Malavath Srinivas
DIRECTORY : C:\Simple learn\eclipse\AugWeekend\files

MAIN MENU - Select any of the following:
1 -> List files in directory
2 -> Add, Delete or Search
3 -> Exit Program
2

Select any of the following:
   a -> Add a file
   b -> Delete a file
   c -> Search a file
   d -> GoBack
a
↳ Adding a file...Please Enter a File Name :
↳ Adding a file...Please Enter a File Name : myfile
File myfile added to C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
   a -> Add a file
   b -> Delete a file
   c -> Search a file
   d -> GoBack
c
↳ Searching a file...Please Enter a File Name :
↳ Searching a file...Please Enter a File Name : myfile
FOUND : File myfile exists at C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
   a -> Add a file
   b -> Delete a file
   c -> Search a file
   d -> GoBack

<
```

```
LockName [Java Application] C:\User\name...

2

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack
a
  Adding a file...Please Enter a File Name :
  Adding a file...Please Enter a File Name : myfile
File myfile added to C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack
c
  Searching a file...Please Enter a File Name :
  Searching a file...Please Enter a File Name : myfile
FOUND : File myfile exists at C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack
b
  Deleting a file...Please Enter a File Name :
  Deleting a file...Please Enter a File Name : myfile
File myfile deleted from C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack
```

```
File myfile added to C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack
c
ւ Searching a file...Please Enter a File Name :
ւ Searching a file...Please Enter a File Name : myfile
FOUND : File myfile exists at C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack
b
ւ Deleting a file...Please Enter a File Name :
ւ Deleting a file...Please Enter a File Name : myfile
File myfile deleted from C:\Simple learn\eclipse\AugWeekend\files

Select any of the following:
    a -> Add a file
    b -> Delete a file
    c -> Search a file
    d -> GoBack
d
Going Back to MAIN menu

MAIN MENU - Select any of the following:
1 -> List files in directory
2 -> Add, Delete or Search
3 -> Exit Program
3
Thank You
From Malavath Srinivas
```