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Batch :-	Full Stack Java Developer
Project Title :-	LockedMe.com
Project Submission Date :-	30th Jan 22

Project Source Code:-

```java
package LockedMe.com;

import java.io.File;
import java.io.FileWriter;
import java.util.LinkedList;
import java.util.Scanner;

public class LockedMe {

    static final String projectFilePath="E:\\fio";
    static final String errorMessage="Some error is occurred in the program please
contact to sharma.dilip137@gmail.com";

    static Scanner sc=new Scanner(System.in);

    // This Methods will display the Menu items.
    public static void displayMenu()
     {
        System.out.println("*****************************************");
        System.out.println("\nWelcome to LockedMe.com\n");
        System.out.println("*****************************************");
       System.out.println("\tDesigned By Dilip Sharma\n");
        System.out.println("*****************************************");
        System.out.println("1. Display all the Files :- ");
        System.out.println("2. Add a New file");
        System.out.println("3. Delete a file");
        System.out.println("4. Search a file ");
        System.out.println("5. Exit.\n ");

     }

    // This method will display all the files.
    public static void getAllFiles()
     {
            try {
          File file=new File(projectFilePath);
            File[] listoffiles=file.listFiles();

            if(listoffiles.length==0) {
                    System.out.println("Does not exist the file.");
            }else {

            for(var l:listoffiles)
            {
                    System.out.println(l.getName());
            }
        }
     }catch(Exception ex) {
            System.out.println(errorMessage);
        }
  }

    // This method will create a new file.
    public static void createFiles()
```

```java
                {
            try {
             String filename;

             System.out.println("Enter the file name:");
             filename=sc.nextLine();

             int linescount;
             System.out.println("Enter how many lines in the file");
             linescount=Integer.parseInt(sc.nextLine());

             FileWriter myWriter=new FileWriter(projectFilePath+ "\\"+filename);
             for(int i=1;i<=linescount;i++) {
                    System.out.println("Enter the file line:");
                    myWriter.write(sc.nextLine()+"\n");
             }
             System.out.println("File is created successfully.");
             myWriter.close();
            }
            catch(Exception ex) {
                    System.out.println(errorMessage);
            }
        }

    // This method will delete the file.
     public static void deleteFiles()
     {
            try {
            String filename;
            System.out.println("Enter the file name for delete");
            filename=sc.nextLine();
            File file=new File(projectFilePath+ "\\"+filename);
            if(file.exists()) {
                    file.delete();
                    System.out.println("File is deleted successfully.");
            }
            else {
                    System.out.println("File is not deleted.");
              }
         }
            catch(Exception ex)
            {
                    System.out.println(errorMessage);
            }
    }

     // This method will search the file according to user.
     public static void searchFiles()
     {
            try {
                    String filename;
                    System.out.println("Enter file name for search.");
                    filename=sc.nextLine();
                    File file=new File(projectFilePath);
                    File[] listOfFiles=file.listFiles();
                    LinkedList<String> filenames=new LinkedList<String>();
```

```java
                for(var l:listOfFiles) {
                        filenames.add(l.getName());
                }
                if(filenames.contains(filename))
                        System.out.println("File is available");
                else
                        System.out.println("File is not available");

        }catch(Exception e) {
                System.out.println(errorMessage);
        }

    }

    public static void main(String[] args) {

        int ch;
        do {
                displayMenu();
                System.out.println("Enter your choice: ");
            ch=Integer.parseInt(sc.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);
        sc.close();
        }
}
```
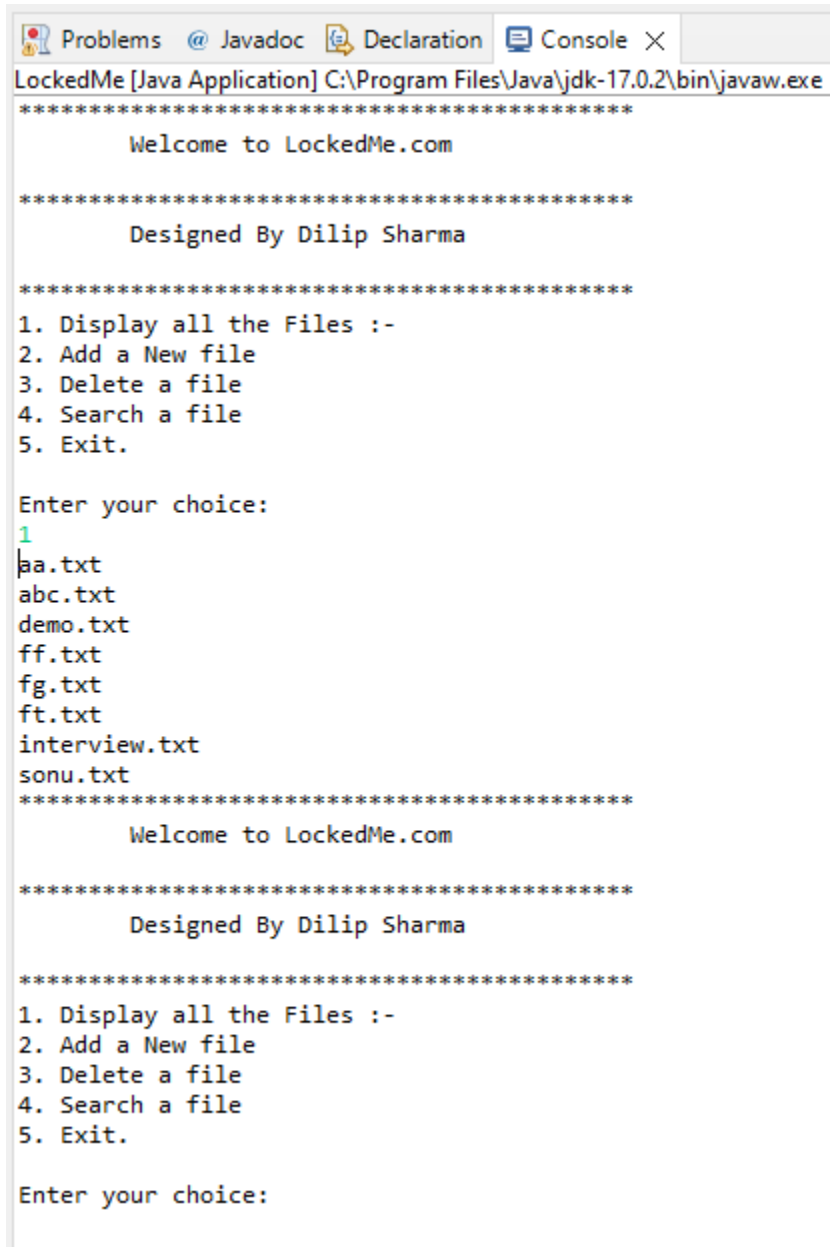
Output: -

1. Display all the files: -

```
Problems  @ Javadoc  Declaration  Console ✕
LockedMe [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe
********************************************
        Welcome to LockedMe.com

********************************************
        Designed By Dilip Sharma

********************************************
1. Display all the Files :-
2. Add a New file
3. Delete a file
4. Search a file
5. Exit.

Enter your choice:
1
aa.txt
abc.txt
demo.txt
ff.txt
fg.txt
ft.txt
interview.txt
sonu.txt
********************************************
        Welcome to LockedMe.com

********************************************
        Designed By Dilip Sharma

********************************************
1. Display all the Files :-
2. Add a New file
3. Delete a file
4. Search a file
5. Exit.

Enter your choice:
```

2. Add a new File: -

```
Sund.txt
**********************************************
        Welcome to LockedMe.com

**********************************************
        Designed By Dilip Sharma

**********************************************
1. Display all the Files :-
2. Add a New file
3. Delete a file
4. Search a file
5. Exit.

Enter your choice:
2
Enter the file name:
fri.txt
Enter how many lines in the file
2
Enter the file line:
hi
Enter the file line:
hello
File is created successfully.
```

3. Delete a File: -

```
**********************************************
        Welcome to LockedMe.com

**********************************************
        Designed By Dilip Sharma

**********************************************
1. Display all the Files :-
2. Add a New file
3. Delete a file
4. Search a file
5. Exit.

Enter your choice:
3
Enter the file name for delete
ft.txt
File is deleted successfully.
```

4. Search a file: -

```
**************************************************
        Welcome to LockedMe.com

**************************************************
        Designed By Dilip Sharma

**************************************************
1. Display all the Files :-
2. Add a New file
3. Delete a file
4. Search a file
5. Exit.

Enter your choice:
4
Enter file name for search.
demo.txt
File is available
```

5. Exit.

```
File is available
**************************************************
        Welcome to LockedMe.com

**************************************************
        Designed By Dilip Sharma

**************************************************
1. Display all the Files :-
2. Add a New file
3. Delete a file
4. Search a file
5. Exit.

Enter your choice:
5
|
```