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Project Title	LockedMe.com
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Source Code

```
package mypackage;
 import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import
java.util.LinkedList;
import java.util.Scanner;
import java.util.NoSuchElementException;

public class LockedMe
{
      static final String errorMessage = "Some error occured please contact admin
: admin@LockedMe.Com";
      static final String projectFilesPath = "C:\\Users\\H Jayanth
Mahadev\\SLphase1";

       public static void main(String[]args) throws IOException
       {
              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: deleteAllFiles();
                            break;
                    case 4: searchFiles();
                    break;
                    case 5: System.exit(0);
                    break;
                     default:System.out.println("Invalid option");


                     }
              }
             while(ch>0);
      obj.close();
       }

       public static void displayMenu()
       {
              System.out.println("\t================================");
              System.out.println("\tWelcome to LockedMe.com");
 .out.println("\t================================");
.out.println("\tDesigned by Jayanth");
```

```
System
System
```

```
System.out.println("\t1. Display all the files");
System.out.println("\t2. Add a new file");
System.out.println("\t3. Delete a file");
System.out.println("\t4. Search a file");
System.out.println("\t5. Exit");
```

```
	}
	/*This method will return all the files from the directory*/
	public static void getAllFiles()
	{
		try {
		File folder = new File(projectFilesPath);
		File[] listOfFiles = folder.listFiles();

		if(listOfFiles.length==0)
		{
			System.out.println("No Files exist");
		}
		else
		 {

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


	 public static void createFiles() throws IOException
	{
	try
		{
		Scanner obj = new Scanner(System.in);

		String fileName;


		System.out.println("Enter the filename: ");
		fileName = obj.nextLine();


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

		FileWriter myWriter = new
FileWriter(projectFilesPath+"\\"+fileName);

		for(int i=1;i<=linesCount;i++)
		{
```

```
            System.out.println("Enter the file line : ");
```

```
myWriter.write(obj.nextLine()+"\n");

        }
System.out.println("File has been created successfully.");
myWriter.close();   obj.close();

        }
        catch(Exception ex)
        {
               System.out.println("Some error has occcured");
        }
 }



/*This method will delete the file based on the user input if it exists*/
public static void deleteAllFiles()
 {
        Scanner obj = new Scanner(System.in);
        try
        {
        String fileName;

        System.out.println("Enter the file name to be deleted");
        fileName = obj.nextLine();

      File file = new File(projectFilesPath+"\\"+fileName);
if(file.exists())
        {
               file.delete();
              System.out.println("File deleted SuccessFully : "+fileName);
        }
        else
               System.out.println("File do not exists");
        }
        catch(Exception ex)
        {
               System.out.println(errorMessage);
        }
        finally
        {
               obj.close();
        }
 }
/*This method will search the files from the directory*/
public static void searchFiles()
 {
      Scanner obj = new Scanner(System.in);
try
        {
        String fileName;
```

```
            System.out.println("Enter the file name to be Searched");
            fileName = obj.nextLine();




             File folder = new File(projectFilesPath);
             File[] listOfFiles = folder.listFiles();

             LinkedList<String> filenames = new LinkedList<String>();


             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 ex)
             {
                    System.out.println(errorMessage);
             } finally
             {
                    obj.close();
             }
      }
}
```

Screen shots

Display files

```
        ================================
        Welcome to LockedMe.com
        ================================
        Designed by Jayanth
        1. Display all the files
        2. Add a new file
        3. Delete a file
        4. Search a file
        5. Exit
Enter your choice
1
.metadata
hello.txt.txt
hi.txt.txt
LockedMeProject
        ================================
        Welcome to LockedMe.com
        ================================
```

Add new file

```
        Welcome to LockedMe.com
        ================================
        Designed by Jayanth
        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 filename:
jayanth.txt
Enter how many lines in the file
2
Enter the file line :
This is jayanth
Enter the file line :
I am going to complete my first SL project
File has been created successfully.
```

Delete Files

```
        ================================
        Welcome to LockedMe.com
        ================================
        Designed by Jayanth
        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 to be deleted
jayanth.txt
File deleted SuccessFully : jayanth.txt
```

Search Files

```
        ================================
        Welcome to LockedMe.com
        ================================
        Designed by Jayanth
        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 the file name to be Searched
hi.txt.txt
File is available
```

Exit