

```

package lockedMepackage;

import java.io.*;
import java.util.*;

public class LockedMeClass
{
    static final String filePath ="D:\\Kiran\\LockedMeFiles";
    static final String errorMessage="Error Occurred. Please Contact
admin@Lockedme.com";
    static Scanner obj = new Scanner(System.in);
    public static void main(String[] args)
    {
        int ch;
        do
        {
            displayMenu();
            System.out.println("\n Please enter your Choice");
            ch=Integer.parseInt(obj.nextLine());

            switch(ch)
            {
                case 1:displayAllFiles();
                break;
                case 2:addNewFiles();
                break;
                case 3:deleteFiles();
                break;
                case 4:searchFiles();
                break;
                case 5:System.exit(0);
                break;
                default:System.out.println("Please choose valid option");
            }

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

        }
        /**
         * This function will display the Welcome page
         */

        public static void displayMenu()
        {
            System.out.println("=====");
            System.out.println("\t \t Welcome to LockedMe.com \t");
            System.out.println("=====");
            System.out.println("\t \t Please Choose your Option\t \n");
            System.out.println("\t 1. Display All Files from the Directory.");
            System.out.println("\t 2. Create new File in the Directory.");
        }
    }
}

```

```
System.out.println("\t 3. Delete a File from the Directory.");
System.out.println("\t 4. Search a File from the Directory.");
System.out.println("\t 5. Exit. \n\n");
System.out.println("\t\t      Developed by");
System.out.println("\t\t      Nanubolu Sai Surya Kiran.");
System.out.println("\t\tEmail: kirannanubolu@gmail.com \n\n");
}

/**
 * This Method Displays all the Files in the Directory
 */

public static void displayAllFiles()
{
    try
    {
        File folder= new File(filesPath);
        File[] listOfFiles=folder.listFiles();

        if(listOfFiles.length==0)
        {
            System.out.println("No Files Exist in the Directory");
        }
        else
        {
            System.out.println("The Below are the files Present : \n ");
            for(var l: listOfFiles)
            {
                System.out.println(l.getName());
            }
        }
    }
    catch(Exception Ex) {
        System.out.println(errorMessage);
    }
}

public static void addNewFiles()
{
    try
    {
        String fileName;
        System.out.println("Please enter the file Name");
        fileName = obj.nextLine();

        File folder= new File(filesPath);
        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 already exists. Please give another name");
        }
        else
        {
            int linescount;
            System.out.println("Please enter the number of lines to be created");
            linescount = Integer.parseInt(obj.nextLine());

            FileWriter fw= new FileWriter(filesPath+"\\ "+fileName);

            for(int i=1;i<=linescount;i++)
            {
                System.out.println("Enter the Data to be stored in line : "+i);
                fw.write(obj.nextLine()+"\n");
            }

            System.out.println("\t"+fileName + " File Created Successfully");
            fw.close();

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

/**
 * This function Deletes the file as per the user
 */
public static void deleteFiles()
{
    try
    {
        String fileName;
        System.out.println("\n Enter the file name to be deleted \n");
        fileName=obj.nextLine();

        File file= new File(filesPath+"\\ "+fileName);
        if (file.exists())
        {
            file.delete();
            System.out.println("File is deleted successfully ");
        }
        else
            System.out.println("File doesnot exist");
    }
    catch(Exception Ex)
    {
        System.out.println(errorMessage);
    }
}

```

```

    }

    /**
    * This Method will search the file and display the contents of it based
on user
    */
    public static void searchFiles()
    {

        try
        {
            String fileName;
            System.out.println("\n Enter the file name to be searched ");
            fileName=obj.nextLine();

            File folder= new File(filesPath);
            File[] listOffFiles=folder.listFiles();

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

            for(var l: listOffFiles)
                filenames.add(l.getName());

            if(filenames.contains(fileName))
            {
                System.out.println("\n File is found \n ");
            }
            else
                System.out.println("\n File is not found");

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

    }

}

```