```
package myPackage;
import java.io.File;
import java.io.FileWriter;
import java.util.LinkedList;
import java.util.Scanner;


public class LockedMe
{
static final String errorMessage = "Some error occurred. Please contact the admin.";
static final String projectFilePath = "C:\\Users\\Acer\\OneDrive\\Desktop\\Phase1_Final Project\\1.
LockedMeApp_FileLocation\\";
public static void main(String[] args)
{
	int in = 1;
	Scanner sc = new Scanner(System.in);
		do
		{
			try
			{
				displayMenu();
				System.out.println("Enter Your Choice");

				in=Integer.parseInt(sc.nextLine());
				switch(in)
				{
					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, Please Retry");
					break;
				}
			}
			catch (NumberFormatException Ex)
			{
				System.out.println("Please enter Integer value only");
			}

		}

		while(in > 0);
		sc.close();
	}
```

```
public static void displayMenu()
{

System.out.println("_____________________________________________________________________________");
	System.out.println("\t\tWelcome To LockedMe.Com Application");

System.out.println("_____________________________________________________________________________");
	System.out.println("");
	System.out.println("\t\t1. Display all existing files");
	System.out.println("\t\t2. Create a new file");
	System.out.println("\t\t3. Delete an existing file");
	System.out.println("\t\t4. Search an existing file");
	System.out.println("\t\t5. Exit");

System.out.println("_____________________________________________________________________________");
	System.out.println("\t\tDeveloped by :- Dinesh Samai");

System.out.println("_____________________________________________________________________________");
}

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

		if(listOfFiles.length > 0)

			for(var l:listOfFiles)
			{
				System.out.println(l.getName());
			}
		else
		{
			System.out.println("No Files Exist In The Directory");
		}
	}
	catch(Exception Ex)
	{
		System.out.println("ErrorMessage in getAllFiles"+Ex.getMessage());
	}
}

public static void createFiles()
{
	Scanner sc = new Scanner(System.in);
	try {

		String fileName;
		System.out.println("Enter file name");
```

```
                fileName = sc.nextLine();

                FileWriter myWriter = new FileWriter(projectFilePath + fileName + ".txt");


                System.out.println("Write Content to store in file");
                String line = sc.nextLine();
                myWriter.write(line + "\n");

                myWriter.close();
                System.out.println(fileName + ".txt" + " " +"Created Successfully");

        } catch (Exception Ex) {
                System.out.println("errorMessage in createFiles ==> " + Ex.getStackTrace());
        }
}

public static void deleteFiles()
{

        Scanner sc = new Scanner(System.in);
        try {
                String fileName;

                System.out.println("Enter the final name to be deleted: ");
                fileName = sc.nextLine();
                File file = new File(projectFilePath + fileName + ".txt");

                if (file.exists()) {
                        file.delete();
                        System.out.println("File deleted successfully: " + fileName+ ".txt");
                } else
                        System.out.println("File do not exist");

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

public static void searchFiles()
{
Scanner sc= new Scanner(System.in);

try
{
        String fileName;

        System.out.println("Enter the final name to be searched: ");

        fileName=sc.nextLine();
```

```
            File folder = new File(projectFilePath);
            File[] listofFiles = folder.listFiles();

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

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

                  if(filenames.contains (fileName+ ".txt"))
                        System.out.println("File is available");

                  else
                        System.out.println("File is not available");
      }
      catch(Exception Ex)
      {
            System.out.println(errorMessage);
      }
      }

      }
```