GitHub file and link

-----> Assessment Project-VirtualKey
-----> https://github.com/YashwanthNagaraboina465/Java-FSD.git

```
package VirtualKey;

import java.util.ArrayList;
import java.util.Collections;
import java.util.List;
import java.util.Scanner;

public class Lockers {


// Main Method

        public static void main(String[] args) {

                Scanner sc = new Scanner(System.in);
                System.out.println("Enter the user credentials(User Name)");
                String User = sc.next();
System.out.println();
                System.out.println("Hello " + User);
                System.out.println();

                MyPrototype();

        }

        private static void MyPrototype() {

                System.out.println(" ******   WELCOME to Lockers Pvt.Ltd  APP
******");

                System.out.println();

                System.out.println("Developed by '______ ' ");
                System.out.println();

                System.out.println("User Options ");
                String[] str = { "1.View My Sorted Files", "2. My Operatios ", "3.
Close the application " };

                int length = str.length;
```

```
                for (int i = 0; i < length; i++) {
                        System.out.println(str[i]);
                }

                List<String> list = new ArrayList<>();

                list.add("File1.txt");
                list.add("File4.txt");
                list.add("File3.txt");
                list.add("File1.zip");
                list.add("Project.docx");
                list.add("Layout.pdf");
                list.add("File2.txt");

                System.out.println("\n Click on your choice:\t");
        try {   Scanner sc = new Scanner(System.in);
                int option = sc.nextInt();

                for (int j = 1; j <= length; j++) {
                        if (option == j) {
                                switch (option) {

                                case 1:
                                        sort(list);
                                        System.out.println("Click '0' to enter the
main Menu ");
                                        try {
                                                if (sc.nextInt() == 0) {
                                                        MyPrototype();
                                                }
                                        } catch (Exception e) {
                                                System.out.println("Invalid Entry
");
                                                System.out.println("Pushed out off
App");
                                        }
                                        break;

                                case 2:

                                        System.out.println(" \n  **** OPERATIONS
***");

                                        System.out.println("Clik on the Below
options");

                                        String[] arr = { "1. Add a new File", "2.
Search a File ", "3. Delete a File",
                                                        "4.Click to navigate to
Miain Menu  " };
```

```
                                        int b2 = 4;
                                        for (int i = 0; i < b2; i++) {
                                                System.out.println(arr[i]);
                                        }

                                        System.out.println("\nEnter your
choice:\t");

                                        int option2 = sc.nextInt();

                                        for (int p = 1; p <=4; p++) {
                                                if (option2 == p) {
                                                        switch (option2) {
                                                        case 1:

System.out.println("Enter the File you wanted to add : \n");
                                                                String value =
sc.next();
                                                                list.add(value);

System.out.println("Your value is updated\n");

System.out.println(list + "\n");


System.out.println("Click '0' to enter the main Menu ");
                                                                try {
                                                                        if
(sc.nextInt() == 0) {

MyPrototype();
                                                                        }
                                                                } catch (Exception
e) {

System.out.println("Invalid Entry ");

System.out.println("Pushed out off App");
                                                                }

                                                                break;

                                                        case 2:

searchExpenses(list);


System.out.println();
```

```
System.out.println("Click '0' to enter the main Menu ");
                                                                try {
                                                                        if
(sc.nextInt() == 0) {

MyPrototype();
                                                                        }
                                                                } catch (Exception
e) {

System.out.println("Invalid Entry ");

System.out.println("Pushed out off App");
                                                                }

                                                                break;

                                                        case 3:

System.out.println("Enter the File you wanted to delete");

                                                                String aFile =
sc.next();
                                                                boolean boo =
list.remove(aFile);
                                                                if (boo == true) {

System.out.println(aFile + " is successfuly Deleted");
                                                                } else {

System.out.println("File is not found");
                                                                }

System.out.println("Click '0' to enter the main Menu ");
                                                                try {
                                                                        if
(sc.nextInt() == 0) {

MyPrototype();
                                                                        }
                                                                } catch (Exception
e) {

System.out.println("Invalid Entry ");

System.out.println("Pushed out off App");
                                                                }
                                                                break;
```

```
                                                        case 4 :

                                                                MyPrototype();
                                                                break;

                                                        }
                                                }

                                        }

break;
                                case 3:
                                        closeApp();
                                        break;

                                }
                        }
                }
        }catch(Exception jdkf) {
                System.out.println("Invalid Entry . Try again..");
                MyPrototype();
        }

        }

        private static void closeApp() {
                System.out.println(
                                "the application is closing  \n  *********** \n
Enter  '0' if you refuse. \n  enter 'continue' to proceed to close");
                Scanner s = new Scanner(System.in);
                try {
                        int gg = s.nextInt();

                        if (gg == 0) {
                                MyPrototype();
                        }
                } catch (Exception e) {
                        System.out.println("the app is closed");
                }
        }

        private static void searchExpenses(List<String> list) {

                System.out.println("enter the File you wanted to search");
                Scanner se = new Scanner(System.in);
                String lc = se.next();
                int l3 = list.size();

                for (int i = 0; i < l3; i++) {
```

```
                        if (lc.compareTo(list.get(i)) == 0) {
                                System.out.println("your File " + lc + " is found
at index " + i);
                                return;
                        }
                }
                System.out.println("your File  " + lc + " is  not found  ");
                System.out.println("**************");

        }

        private static void sort(List<String> list) {

                int l = list.size();
                String[] a = new String[l];
                Collections.sort(list);

                for (int i = 0; i < l; i++) {
                        a[i] = list.get(i);

                }
                System.out.println("the sorted Files in increasing FileSize order
are ");
                for (int k = 0; k < a.length; k++) {

                        System.out.println(a[k] + "  ");
                }

                System.out.println("\n***************");

        }
}
```