

## Source Code for LockedMe.com

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import java.io.File;
import java.io.IOException;
import java.util.Arrays;
import java.util.Scanner;

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public class Lockers {
    static String directory = System.getProperty("user.dir");
    static File files = new File(directory);

    static void mainmenu() throws IOException {
        Scanner sc = new Scanner(System.in);
        System.out.println(" 1. Directory" + "\n 2. Details of the User Interface"
+ "\n 3. Closing the Application" + "\n \n Please enter your requirement (Sr. No.
1, 2 & 3)");
        int sr = sc.nextInt();
        switch(sr){
            case 1:{
                File[] qty = files.listFiles();
                try {Arrays.sort(qty);
                System.out.println("List of Files Available in Directory");
                for (int i = 0; i <= qty.length-1; i++) {
                System.out.println(qty[i].getName());
                }
                }
                catch (Exception e) {
                System.out.println("File Not Exist");
                }

                break;
            }
            case 2:{
                int sr1;
                System.out.println(" 1. Add File to the Existing Directory" +
"\n 2. Delete File from the Existing Directory" + "\n 3. Searching from Directory"
+ "\n 4. Back to the Main Menu");
                sr1 = sc.nextInt();
                //Nested Switch Starts
                switch(sr1) {
                    case 1:{
                        System.out.println("Enter File Name to be
Added");

                        String inputfile = sc.next();
                        Lockers.addfiles(inputfile);
                        break;
                    }
                    case 2: {
                        System.out.println("Enter File Name to be
Deleted");

                        String inputfile = sc.next();
                        Lockers.deletefiles(inputfile);
                        break;
                    }
                }
            }
        }
    }
}
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    }
    case 3: {
        System.out.println("Enter File Name need to be
Searched");

        String inputfile = sc.next();
        Lockers.searchfiles(inputfile);
        break;
    }
    case 4: {
        System.out.println("\n Back to the Main Menu");
        Lockers.returntomainmenu();
        break;
    }
    default:
        System.out.println("You Enter Invalid No., Please Enter
Correct No. (1, 2, 3 & 4)");
        break;
    } //Nested Switch ends
    break; //Case 2 Break
}

    case 3: {
        System.out.println("Application Closed");
        System.exit(0);
        break;
    }
    default:
        System.out.println("You Enter Invalid No., Please Enter Correct
No. (1, 2 & 3)");
        break;
    }
    sc.close();
}

//Logic for Adding a File
static void addfiles(String inputfile) throws IOException {
    inputfile = inputfile + ".txt";
    File file = new File(inputfile);
    if(file.createNewFile()) {
        String path = file.getAbsolutePath();
        System.out.println(inputfile + " " + "file Created Successfully " + path);
    } else
    {
        System.out.println(inputfile + " file not Created Successfully");
    }
}

//Logic for Deleting a Files
static void deletefiles(String inputfile) throws IOException {
    File path = new File(files + "/" + inputfile);
    String [] qty = files.list();
    try {
        for (String f : qty) {
            if (f.equals(inputfile) && path.delete()) {
                System.out.println("File Deleted");
                return;
            }
        }
        System.out.println("File Not Deleted");
    }
}

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    }catch (Exception e) {
        System.out.println("Folder Not Found");
    }

    }

//Logic for Searching Files
static void searchfiles(String inputfile) {
    String [] qty = files.list();
    try {
        for (String f : qty){
            if (f.equals(inputfile)) {
                System.out.print(f + " : File Found at " + files);
                return;
            }
        }
        System.out.println("File not Found");
    }catch (Exception e) {
        System.out.println("Folder Not Found");
    }
}

//Logic for Return to Main Menu
static void returntomainmenu() throws IOException{
    Lockers.mainmenu();
}

//Main Method
public static void main(String[] args) throws IOException {
    System.out.println("Welcome to LockedMe.com");
    System.out.println("Developer - Anil Singh Rawat");

    Lockers.mainmenu();
}
}

```

**//GitHub Link: <https://github.com/AnilRaw1994/LockedMe.com>**