

```

Package Company Lockers Pvt. Ltd.;
import org.apache.commons.io.FileUtils;

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

public class LockedMe {
    private static final String FILEFOLDER = "Files";

    void option() {
        boolean exit = false;

        do{
            System.out.println("Choose Operation");
            System.out.println("(1) Retrieve Files");
            System.out.println("(2) Add File");
            System.out.println("(3) Delete a File");
            System.out.println("(4) Search for a file)");
            System.out.println("(5) View a File");
            System.out.println("(6) Quit");

            Scanner keyboard = new Scanner(System.in);
            System.out.println("Enter an Integer");
            int option = keyboard.nextInt();

            switch (option) {
                case 1 -> retrieve();
                case 2 -> addfiles();
                case 3 -> deleteFile();
                case 4 -> search();
                case 5 -> view();
                case 6 -> exit = true;
                default -> System.out.println("No valid option given");
            }
        }while(!exit);
    }

    void retrieve(){
        File folder = new File(FILEFOLDER);
        List<String> strList = new ArrayList<>();

        for (final File fileEntry : Objects.requireNonNull(folder.listFiles()))
        {
            String fileEntryName = fileEntry.getName();
            strList.add(fileEntryName);
        }
    }
}

```

```

        Collections.sort(strList);

        for(String str: strList){
            System.out.println(str);
        }
    }

    void addfiles(){
        Scanner keyboard = new Scanner(System.in);
        System.out.println("Name path and file you want to add to the app:");
        String fileName = keyboard.nextLine();
        File sourceFile = new File(fileName);
        if (sourceFile.exists()){
            fileName = sourceFile.getName();
            File fileFolder = new File(FILEFOLDER + fileName);
            try {
                FileUtils.copyFile(sourceFile, fileFolder);
                System.out.println("File copied");
            } catch (IOException e) {
                System.out.println("Error copying file: " + e);
                e.printStackTrace();
            }
        }else{
            System.out.println("File " + fileName + " doesn't exist");
        }
    }

    void deleteFile(){
        Scanner keyboard = new Scanner(System.in);
        System.out.println("Name file which you want to delete:");
        String fileName = keyboard.nextLine();
        File file = new File(FILEFOLDER + fileName);

        if(file.exists()){
            try {
                FileUtils.delete(file);
                System.out.println("File deleted");
            }catch(IOException e){
                System.out.println("Error delete the file: " + e);
                e.printStackTrace();
            }
        }else{
            System.out.println("File " + fileName + " doesn't exist");
        }
    }

    void search(){
        Scanner keyboard = new Scanner(System.in);
        System.out.println("Name file which search:");
    }

```

```

String fileName = keyboard.nextLine();
File file = new File(FILEFOLDER + fileName);

if(file.exists()){
    System.out.println("File " + fileName + " exists");
}else{
    System.out.println("File " + fileName + " doesn't exist");
}
}

void view(){
    Scanner keyboard = new Scanner(System.in);
    System.out.println("Name file which you want to view:");
    String fileName = keyboard.nextLine();
    File file = new File(FILEFOLDER + fileName);

    if(file.exists()){
        BufferedReader reader;
        try{
            reader = new BufferedReader(new FileReader(file));
            String line =reader.readLine();
            while(line != null){
                System.out.println(line);
                line = reader.readLine();
            }
            reader.close();
        }catch(FileNotFoundException ex){
            System.out.println("File not found " + ex);
        }catch (IOException ex) {
            System.out.println("IOException: " + ex);
        }
    }else{
        System.out.println("File doesn't exist");
    }
}
}

```