Virtual Key for Your Repositories:
LockedMe.Com

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Project objective:

- As a Full Stack Developer, complete the features of the application by planning the development in terms of sprints and then push the source code to the GitHub repository. As this is a prototyped application, the user interaction will be via a command line.

Background of the problem statement:

- Company Lockers Pvt. Ltd. hired you as a Full Stack Developer. They aim to digitize their products and chose LockedMe.com as their first project to start with. You're asked to develop a prototype of the application. The prototype of the application will be then presented to the relevant stakeholders for the budget approval. Your manager has set up a meeting where you're asked to present the following in the next 15 working days (3 weeks):

  - Specification document - Product's capabilities, appearance, and user interactions

  - Number and duration of sprints required

  - Setting up Git and GitHub account to store and track your enhancements of the prototype

  - Java concepts being used in the project

  - Data Structures where sorting and searching techniques are used.

  - Generic features and three operations:

    o Retrieving the file names in an ascending order

    o Business-level operations:

      ▪ Option to add a user specified file to the application

      ▪ Option to delete a user specified file from the application

      ▪ Option to search a user specified file from the application

      ▪ Navigation option to close the current execution context and return to the main context

  - Option to close the application

  The goal of the company is to deliver a high-end quality product as early as possible.

The flow and features of the application:

- Plan more than two sprints to complete the application

- Document the flow of the application and prepare a flow chart

- List the core concepts and algorithms being used to complete this application

- Code to display the welcome screen. It should display:

  o Application name and the developer details

  o The details of the user interface such as options displaying the user interaction information

  o Features to accept the user input to select one of the options listed

- The first option should return the current file names in ascending order. The root directory can be either empty or contain few files or folders in it

- The second option should return the details of the user interface such as options displaying the following:

  o Add a file to the existing directory list

    ▪ You can ignore the case sensitivity of the file names

  o Delete a user specified file from the existing directory list

    ▪ You can add the case sensitivity on the file name in order to ensure that the right file is deleted from the directory list
    ▪ Return a message if FNF (File not found)

  o Search a user specified file from the main directory

    ▪ You can add the case sensitivity on the file name to retrieve the correct file
    ▪ Display the result upon successful operation
    ▪ Display the result upon unsuccessful operation

  o Option to navigate back to the main context

- There should be a third option to close the application

- Implement the appropriate concepts such as exceptions, collections, and sorting techniques for source code optimization and increased performance.

Sprints Work Details:

I have done project in 2 sprints; are as below
First Sprint: (done coding part)

- Create Java App Class to display welcome with application name also include developed by.

```
System.out.println((char)27+ "[35m" +"\n\tWELCOME TO LockedMe.Com APPLICATION
: " + (char)27+ "[35m" +" Developed BY: PAI NAJRANABANU Y.");
System.out.print((char)27+ "[30;0m");

appstart();
```

- Create appstart() method for displaying LockedMe.Com option and according to the user choice appropriate method called from same class(APP) or other(FileOperation) Class.

```
private static void appstart() {
    do{
        System.out.println("\n\tLockedMe.Com Options:");
        System.out.print("\t-----------------------------------");
        System.out.println("\n\t  1: List Files");
        System.out.println("\n\t  2: File Operations");
        System.out.println("\n\t  3: Close");
        System.out.print("\n\tSelect Any one option:");
        choice=s.nextInt();
        switch(choice)
         {
            case 1: fo.ListFiles(); break; //FileOperation class method
called
            case 2: FileOperation();break; // this class method called
            case 3: System.exit(0);
            default :
                    System.out.println((char)27+ "[31m" + "\n\t Please select
Proper Numeber for operation." + (char)27+ "[30;0m");
                    appstart();
        }
        System.out.print("\tDo you want to continue ? Y/N ");
        c=s.next().charAt(0);
    }while(c=='Y' || c=='y');
}
```

- Add Do you want to continue? for repeated process until user want.

- Create Java FileOperation Class for to perform operation on file according to the request of user.

- Create directoryfiles() methods to initialize ArrayList object with all files from the directories and also sort them in FileOperation Class.
  Example:

```
private void directoryfiles() {
    dp=new File("D:\\JAVA\\Phase-1\\Practise\\LockedMeCom\\File");
    listfile=Arrays.asList(dp.list());
    Collections.sort(listfile);
}
```

- Create ListFiles() to display all current files from specified directories in FileOperation Class.
  Example:

```
public void ListFiles() {
    directoryfiles();
    Iterator itr=listfile.iterator();
    if(listfile.size()>0)
    {
     System.out.println("\t-----------------------------------------------
---------");
     System.out.println("\tAvailable Files in direcory  " + dp + " are:");
     while(itr.hasNext())
       System.out.println("\t\t\t\t\t\t "+ itr.next());
     System.out.println("\t-----------------------------------------------
---------");
    }
    else
    {
        System.out.println((char)27 + "[31m" + "\n\t Directories does not
contain any file..");
        System.out.println((char)27 + "[30;0m");
    }
}
```

- Called ListFiles() ; as choice 1 in switch case from App class using object of FileOperation Class:

```
case 1: fo.ListFiles(); break; //FileOperation class method called
```

- Create FileOperation() in main App to display all File Operation menu and as per user selection appropriate methods called using object of FileOperation Class.

```
private static void FileOperation() {
    do{
        System.out.println("\n\t File Operation:");
        System.out.print("\t----------------------------------");
        System.out.println("\n\t 1: Add File");
        System.out.println("\n\t 2: View File");
        System.out.println("\n\t 3: Delete File");
        System.out.println("\n\t 4: Search File");
        System.out.println("\n\t 5: Back");
        System.out.print("\n\tSelect Any one option:");
        choice=s.nextInt();
        /*while (!Character.isDigit(choice)) {
            System.out.println((char)27+ "[31m" + "\n\t Please do not enter
any character.");
            System.out.print((char)27+ "[37;1m");
            System.out.print("\n     Select Proper Choice:");
            choice=s.next().charAt(0);
        }
        choice=choice-48;*/

        switch(choice)
         {
            case 1: fo.AddFile();break;
            case 2: fo.ViewFile();break;
            case 3: fo.DeleteFile(); break;
            case 4: fo.SearchFile();break;
            case 5: appstart();break;
            default :
                    System.out.println((char)27+ "[31m" + "\n\t Please select
Proper Numeber for file operation." + (char)27+ "[30;0m");
                    appstart();
        }
        System.out.print("\n\tDo you want to continue for File Operation? Y/N
");
```

```
        c=s.next().charAt(0);
    }while(c=='Y'|| c=='y');
    if(c!='Y'|| c!='y')
    {
        appstart();
    }
}
```

- AddFile() used to Add File in specific Folder in FileOperation Class and called form main APP using object of class.

```
public void AddFile()
{
    System.out.print("\n\tEnter File Name With Extension:");
    fname=s1.nextLine();
    fnam="File/" +fname;
    f=new File(fnam);
    try {
        if(f.createNewFile())
        {
            System.out.print("\n\tEnter File Content :");
            fco=s1.nextLine();
            fw=new FileWriter(fnam,Charset.forName("UTF8"));
            fw.write(fco);
            fw.close();
            System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File
Added Successfully:"+ (char)27 + "[30;0m");


        }
        else
        {
            System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File
Already exist..:"+ (char)27 + "[30;0m");
        }
    } catch (IOException e) {
        e.printStackTrace();
    }
}
```

called from main APP;

```
case 1: fo.AddFile();break
```

- ViewFile() used to Display the content of File as per user request.

```
public void ViewFile()
{
    System.out.print("\n\tEnter File Name with extension:");
    fname=s1.nextLine();
    fnam="File/" +fname;
    f=new File(fnam);
    directoryfiles();
    n=0;
    for (String fn : listfile)
    {
        if(fn.equals(fname))
        {
            System.out.print((char)27 + "[31m" + "\n\t    " + fname +" File exist
With content:"+ (char)27 + "[30;0m");
            n++;

            try {
                fr=new FileReader(fnam);
                int i=0;
                while((i=fr.read())!=-1)
```

```
            {
                System.out.print((char)i);
            }
        } catch (Exception e) {
            //TODO: handle exception
        }
            System.out.println();
        }
    }
    if(n==0)
        System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File does
not exist:"+ (char)27 + "[30;0m");

}
```

called ViewFile() from main APP using object of FileOperation Class.

```
case 2: fo.ViewFile();break;
```

- DeleteFile() used to delete file with same case from the folder in FileOperation Class.

```
public void DeleteFile()
{
    System.out.print("\n\tEnter File Name with extension:");
    fname=s1.nextLine();
    f=new File("File/" + fname);
    directoryfiles();
    int n=0;
    for (String fn : listfile)
     {
       if(fn.equals(fname))
         {
           if(f.delete())
               System.out.println((char)27 + "[31m" + "\n\t    " + fname + " File
Successfully deleted:"+ (char)27 + "[30;0m");
           n++;
         }
     }
     if(n==0)
         System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File does
not exist:"+ (char)27 + "[30;0m");
}
```

called DeleteFile() from main APP using object of FileOperation Class.

```
case 3: fo.DeleteFile(); break;
```

- SearchFile() used to Search file with same case from the folder in FileOperation Class.

```
public void SearchFile()
{
  System.out.print("\n\tEnter File Name with extension:");
  fname=s1.nextLine();
  fnam="File/" +fname;
  f=new File(fnam);
  directoryfiles();
  n=0;
  for (String fn : listfile)
   {
     if(fn.equals(fname))
       n=1;
   }
   if(n==1)
    {
      System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File Found"+
(char)27 + "[30;0m");
      Desktop desk=Desktop.getDesktop();
```

```
        try {
            desk.open(f);
        } catch (IOException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }

    }
    else
        System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File Not
Found"+ (char)27 + "[30;0m");
}
```

called SearchFile() from main APP using object of FileOperation Class.

```
case 4: fo.SearchFile();break;
```

- Add exit code to exit from the Application.

Second Sprint: (done documentation and GitHub Repositories)

- Create Algorithm.
- Flow chart.
- Taking Screenshots of Application.
- Create GitHub repositories.
- Upload all documentation and src file into the GitHub Repositories.

Core Concepts used in Project:

- Variable: Local, Global and static variable
- Object
- Access Modifier
- Flow Control (Switch case and if..else)
- Loop
- Function
- Collection (ArrayList)
- sorting
- File Handling (File Creation, FileWriter, FileReader, File Delete)
- Desktop (java.awt.Desktop for open the file in desktop)
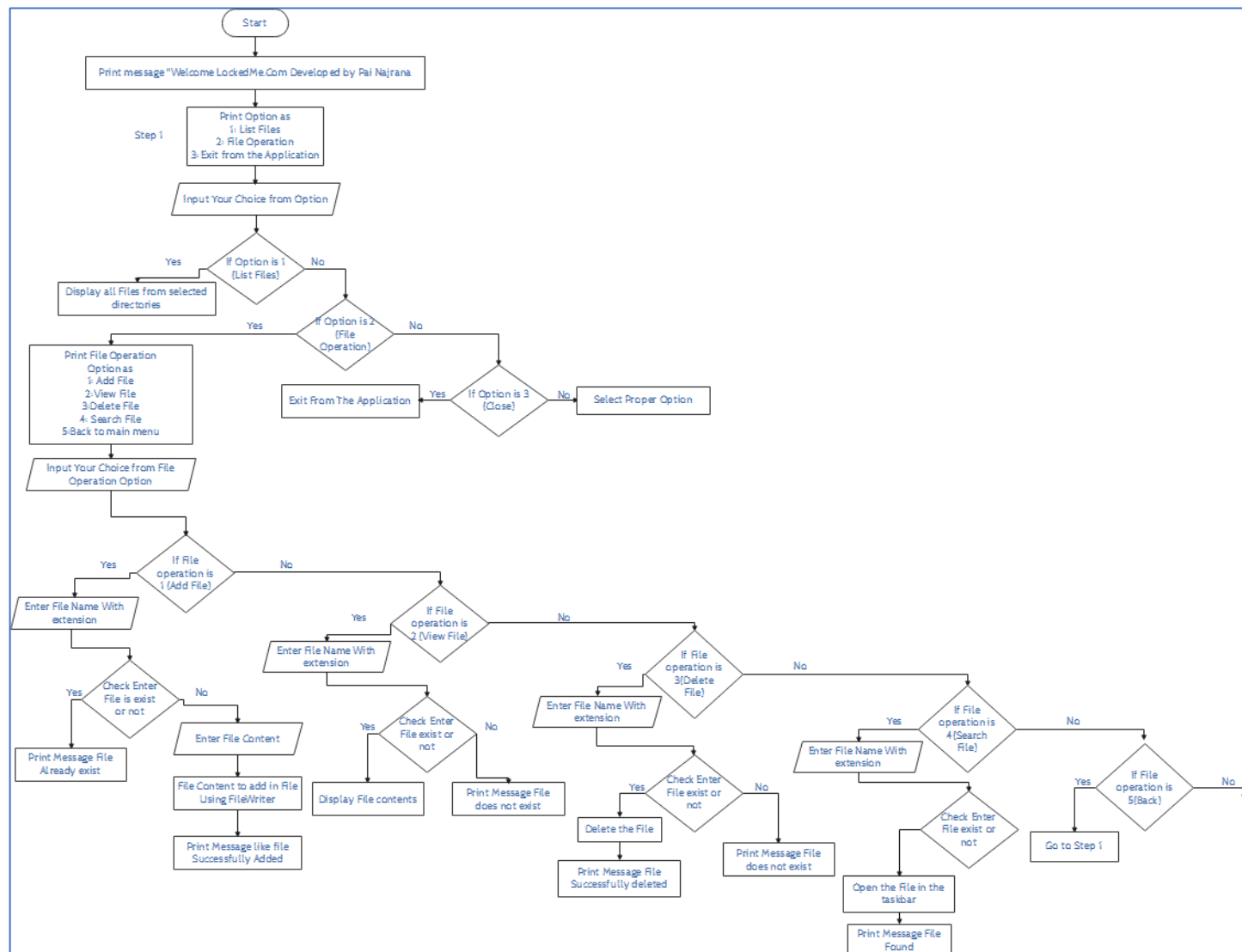- Exception Handling

Algorithm:

Step 1:	Start the LockedMe.Com Application.
Step 2:	Display the Application name and developer name.
Step 3:	Display the LockedMe.Com option Menu like 1: List Files. 2. File Operation. 3. Close the Application.
Step 4:	Select any one option from step 3
Step 5:	If Select option as 1(1: List Files) then Step 6
Step 6:	Display all Files from the current directories.
Step 7:	User Input for "Do you want to continue?" If "Y" or 'y' then Step 3 Otherwise Step 31
Step 8:	If Select option as 2(2. File Operation) then Step 9
Step 9:	Display the File Operation Option Menu like 1: Add File 2: View File 3: Delete File 4: Search File 5: Back
Step 10:	If Select File Operation As 1(1: Add File) then Step 11
Step 11:	User Input for File Name with extension
Step 12:	Check user input file exist or not., if exist then step 13 else step 14.
Step 13:	Display message "File is already exist"
Step 14:	User Input for File content.
Step 14:	Display message like Filename File successfully added.
Step 15:	Display message like "Do You want to continue for file operation?" if 'Y' or 'y' then step 9 else step 3.
Step 16:	If Select File Operation As 2(2: View File)then Step 17
Step 17:	Repeat Step 11
Step 18:	Check user input file exist or not., if exist then step 19 else step 20.
Step 19:	Display the contents of file.
Step 20:	Display message "File does not exist".
Step 21:	If Select File Operation As 3(3: Delete File) then Step 22
Step 22:	Repeat Step 11
Step 23:	Check user input file exist or not., if exist then step 24 else step 20.
Step 24:	Delete the file and display message File successfully deleted.
Step 25:	If Select File Operation As 4(4: Search File) then Step 26
Step 26:	Repeat Step 11
Step 27:	Check user input file exist or not., if exist then step 28 else step 20.
Step 28:	Open the File and Display message "File Found"
Step 29:	If Select File Operation As 5 then Step 3.

Step 30:	If select the LockedMe.Com operation as 3 (Closed) then step 31.
Step 31:	Close the Application

Flowchart:

Coding:

I have Create 2 class APP and FileOperation:

1. **APP Class:**
2. **FileOperation Class:**

APP Class:

```java
import java.util.Scanner;
public class APP {
    static char c; static int choice;
    static Scanner s = new Scanner(System.in);
    static FileOperation fo=new FileOperation(); //object creation
    public static void main(String[] args) throws Exception {

        System.out.println((char)27+ "[35m" +"\n\tWELCOME TO LockedMe.Com
APPLICATION : " + (char)27+ "[35m" +" Developed BY: PAI NAJRANABANU Y.");
        System.out.print((char)27+ "[30;0m");

        appstart();
    }

    private static void appstart() {
        do{
            System.out.println("\n\tLockedMe.Com Options:");
            System.out.print("\t-----------------------------------");
            System.out.println("\n\t  1: List Files");
            System.out.println("\n\t  2: File Operations");
            System.out.println("\n\t  3: Close");
            System.out.print("\n\tSelect Any one option:");
            choice=s.nextInt();
            switch(choice)
             {
                case 1: fo.ListFiles(); break; //FileOperation class method called
                case 2: FileOperation();break; // this class method called
                case 3: System.exit(0);
                default :
                        System.out.println((char)27+ "[31m" + "\n\t Please select
Proper Numeber for operation." + (char)27+ "[30;0m");
                        appstart();
             }
            System.out.print("\tDo you want to continue ? Y/N ");
            c=s.next().charAt(0);
        }while(c=='Y' || c=='y');
    }

    private static void FileOperation() {
        do{
            System.out.println("\n\t File Operation:");
            System.out.print("\t-------------------------------");
            System.out.println("\n\t 1: Add File");
            System.out.println("\n\t 2: View File");
            System.out.println("\n\t 3: Delete File");
            System.out.println("\n\t 4: Search File");
            System.out.println("\n\t 5: Back");
            System.out.print("\n\tSelect Any one option:");
            choice=s.nextInt();
            /*while (!Character.isDigit(choice)) {
                System.out.println((char)27+ "[31m" + "\n\t Please do not enter any
character.");
```

```java
                System.out.print((char)27+ "[37;1m");
                System.out.print("\n      Select Proper Choice:");
                choice=s.next().charAt(0);
            }
            choice=choice-48;*/

            switch(choice)
             {
                 case 1: fo.AddFile();break;
                 case 2: fo.ViewFile();break;
                 case 3: fo.DeleteFile(); break;
                 case 4: fo.SearchFile();break;
                 case 5: appstart();break;
                 default :
                         System.out.println((char)27+ "[31m" + "\n\t Please select
Proper Numeber for file operation." + (char)27+ "[30;0m");
                         appstart();
             }
            System.out.print("\n\tDo you want to continue for File Operation? Y/N
");
            c=s.next().charAt(0);
        }while(c=='Y'|| c=='y');
        if(c!='Y'|| c!='y')
         {
             appstart();
         }
     }
}
```

FileOperation Class:

```java
import java.awt.Desktop;
import java.io.File;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
import java.nio.charset.Charset;
import java.util.Arrays;
import java.util.Collections;
import java.util.Iterator;
import java.util.List;
import java.util.Scanner;
public class FileOperation {
    String fname,fnam,fco;File f,dp;
    FileWriter fw;int n;FileReader fr;
    Scanner s1=new Scanner(System.in);
    List<String> listfile;
    public void ListFiles() {
        directoryfiles();
        Iterator itr=listfile.iterator();
        if(listfile.size()>0)
        {
         System.out.println("\t-------------------------------------------------
-------");
         System.out.println("\tAvailable Files in direcory  " + dp + " are:");
         while(itr.hasNext())
           System.out.println("\t\t\t\t\t\t "+ itr.next());
         System.out.println("\t-------------------------------------------------
-------");
        }
      else
        {
```

```java
            System.out.println((char)27 + "[31m" + "\n\t Directories does not
contain any file..");
            System.out.println((char)27 + "[30;0m");
        }
    }
    private void directoryfiles() {
        dp=new File("D:\\JAVA\\Phase-1\\Practise\\LockedMeCom\\File");
        listfile=Arrays.asList(dp.list());
        Collections.sort(listfile);
    }
    public void AddFile()
    {
        System.out.print("\n\tEnter File Name With Extension:");
        fname=s1.nextLine();
        fnam="File/" +fname;
        f=new File(fnam);
        try {
            if(f.createNewFile())
             {
                System.out.print("\n\tEnter File Content :");
                fco=s1.nextLine();
                fw=new FileWriter(fnam,Charset.forName("UTF8"));
                fw.write(fco);
                fw.close();
                System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File
Added Successfully:"+ (char)27 + "[30;0m");

             }
            else
             {
                System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File
Already exist..:"+ (char)27 + "[30;0m");
             }
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
    public void ViewFile()
    {
        System.out.print("\n\tEnter File Name with extension:");
        fname=s1.nextLine();
        fnam="File/" +fname;
        f=new File(fnam);
        directoryfiles();
        n=0;
        for (String fn : listfile)
         {
           if(fn.equals(fname))
             {
                System.out.print((char)27 + "[31m" + "\n\t    " + fname +" File exist
With content:"+ (char)27 + "[30;0m");
                n++;

                try {
                   fr=new FileReader(fnam);
                   int i=0;
                   while((i=fr.read())!=-1)
                    {
                      System.out.print((char)i);
                    }
                } catch (Exception e) {
                   //TODO: handle exception
```

```java
                }
                System.out.println();
            }
        }
        if(n==0)
            System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File does not
exist:"+ (char)27 + "[30;0m");


    }
    public void DeleteFile()
    {
        System.out.print("\n\tEnter File Name with extension:");
        fname=s1.nextLine();
        f=new File("File/" + fname);
        directoryfiles();
        int n=0;
        for (String fn : listfile)
         {
            if(fn.equals(fname))
              {
                if(f.delete())
                    System.out.println((char)27 + "[31m" + "\n\t    " + fname + " File
Successfully deleted:"+ (char)27 + "[30;0m");
                    n++;
              }
          }
        if(n==0)
            System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File does
not exist:"+ (char)27 + "[30;0m");
    }
  public void SearchFile()
  {
    System.out.print("\n\tEnter File Name with extension:");
    fname=s1.nextLine();
    fnam="File/" +fname;
    f=new File(fnam);
    directoryfiles();
    n=0;
    for (String fn : listfile)
     {
        if(fn.equals(fname))
          n=1;
     }
    if(n==1)
      {
        System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File Found"+
(char)27 + "[30;0m");
        Desktop desk=Desktop.getDesktop();
        try {
          desk.open(f);
        } catch (IOException e) {
          // TODO Auto-generated catch block
          e.printStackTrace();
        }


      }
    else
        System.out.println((char)27 + "[31m" + "\n\t    " + fname +" File Not Found"+
(char)27 + "[30;0m");
  }
}
```

Execute the program: (I have changed the color scheme as classic Light)

```
    LOCKEDME.COM DEVELOPED BY PAI NAJRANABANU


LockedMe.Com Options:
------------------------------------
  1: List Files

  2: File Operations

  3: Close

Select Any one option:|
```

- If select any one option as 1, Its showings all files that exist in a folder:

```
Select Any one option:1
-------------------------------------------------------------
Available Files in direcory  D:\JAVA\Phase-1\Practise\LockedMeCom\File are:
                Nazrana.txt
                demoexcel.xlsx
                demotxt.txt
                demoword.docx
-------------------------------------------------------------
Do you want to continue ? Y/N
```

- If you want to continue operation please press 'Y' or 'y':

```
  -------------------------------------------------------------
  Do you want to continue ? Y/N Y

  LockedMe.Com Options:
  ------------------------------------
    1: List Files

    2: File Operations

    3: Close

  Select Any one option:|
```

- If select any one option as 2, File Operation Option:

```
Select Any one option:2

 File Operation:
--------------------------------
 1: Add File

 2: View File

 3: Delete File

 4: Search File

 5: Back

Select Any one option:
```

- Want to add file then please select any one option as 1:
    a) Enter File name with extension because it allows to create any file that you want.
    b) And Enter Content of file:

```
Select Any one option:1

Enter File Name With Extension:Sample.txt

Enter File Content :Hi, I am simple text file

    Sample.txt File Added Successfully:

Do you want to continue for File Operation? Y/N
```

- If you want to continue operation please press 'Y' or 'y':

```
Do you want to continue for File Operation? Y/N Y

 File Operation:
--------------------------------
 1: Add File

 2: View File

 3: Delete File

 4: Search File

 5: Back

Select Any one option:
```

- If want to add file, but file is already exist then:

```
Select Any one option:1

Enter File Name With Extension:Sample.txt

   Sample.txt File Already exist..:

Do you want to continue for File Operation? Y/N
```

- Want to View file content then please select any one option as 2:

```
Select Any one option:2

Enter File Name with extension:Sample.txt

   Sample.txt File exist With content:Hi, I am simple text file

Do you want to continue for File Operation? Y/N
```

- If File does not exist then:

```
Select Any one option:2

Enter File Name with extension:Naaz.txt

   Naaz.txt File does not exist:

Do you want to continue for File Operation? Y/N
```

- Want to delete a File, select option as 3(delete file with case sencitive):

```
-------------------------------------------------------------
Available Files in direcory  D:\JAVA\Phase-1\Practise\LockedMeCom\File are:
                Nazrana.txt
                Sample.txt
                Simplilearn.txt
                demoexcel.xlsx
                demotxt.txt
                demoword.docx
-------------------------------------------------------------
                                .
```

```
Select Any one option:3

Enter File Name with extension:demoexcel.xlsx

   demoexcel.xlsx File Successfully deleted:

Do you want to continue for File Operation? Y/N
```

- Case sensitive example for delete:

```
Select Any one option:3

Enter File Name with extension:SIMplilearn.txt

    SIMplilearn.txt File does not exist:

Do you want to continue for File Operation? Y/N |
```

- Want to search a File, select option as 4: (if file exist then its open a file)

```
Select Any one option:4

Enter File Name with extension:Simplilearn.txt

    Simplilearn.txt File Found

Do you want to continue for File Operation? Y/N |
```
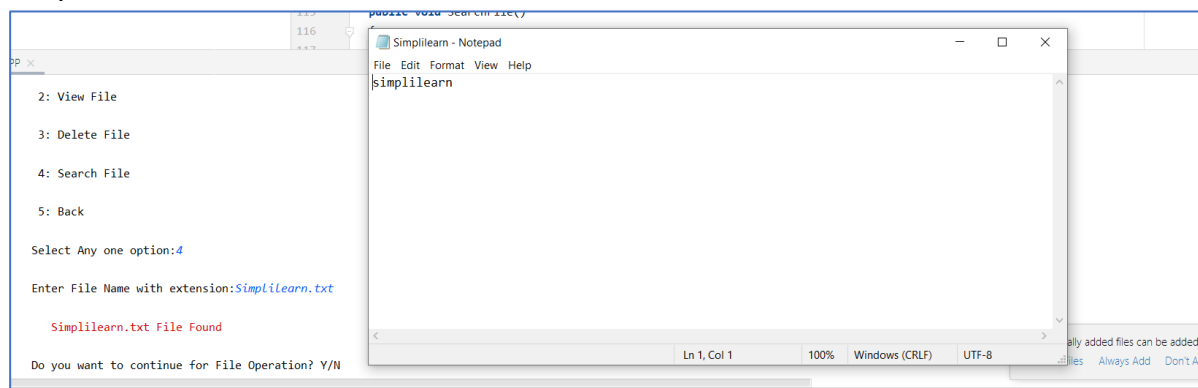
It open the file:

- Case sensitive example for Search:

```
Select Any one option:4

Enter File Name with extension:SIMPlearn.txt

    SIMPlearn.txt File Not Found

Do you want to continue for File Operation? Y/N |
```

- Want to move main menu then select option as 5 or do you want to continue for file operation as 'N' or 'n':

```
Select Any one option:5

LockedMe.Com Options:
-----------------------------------
   1: List Files

   2: File Operations

   3: Close

Select Any one option:
```

OR

```
Do you want to continue for File Operation? Y/N N

LockedMe.Com Options:
-----------------------------------
   1: List Files

   2: File Operations

   3: Close

Select Any one option:
```

- Select 3 for close the Application:

```
   LockedMe.Com Options:
   -----------------------------------
      1: List Files

      2: File Operations

      3: Close

   Select Any one option:3

Process finished with exit code 0
```

Pushing the Code in to GitHub Repository:

- o Open Git Bash
- o Create Directory name as LockedMe.Com_Phase_2_Project.

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~ (master)
$ mkdir LockedMe.Com_Phase_2_Project

Najrana@DESKTOP-4HJOMF5 MINGW64 ~ (master)
$ cd LockedMe.Com_Phase_2_Project

Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ |
```

- o Initialize the git directory using *git init* Command.

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git init
Initialized empty Git repository in C:/Users/Najrana/LockedMe.Com_Phase_2_Project/.git/

Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ |
```

- o Check status using *git status*:

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
```

- o Copy the files that you want to in GitHub Repositories:
- o Now check status using *git status*:

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        File/
        LockeMe.Com_Documentation.docx
        src/
        ~$ckeMe.Com_Documentation.docx

nothing added to commit but untracked files present (use "git add" to track)
```

- o Perform *git add .* and *git commit -m "Project done":*

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git add .
warning: LF will be replaced by CRLF in src/APP.java.
The file will have its original line endings in your working directory

Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git commit -m "Project done"
\[master (root-commit) e5451ab] Project done
 9 files changed, 223 insertions(+)
 create mode 100644 File/Nazrana.txt
 create mode 100644 File/Sample.txt
 create mode 100644 File/Simplilearn.txt
 create mode 100644 File/demotxt.txt
 create mode 100644 File/demoword.docx
 create mode 100644 LockeMe.Com_Documentation.docx
 create mode 100644 src/APP.java
 create mode 100644 src/FileOperation.java
 create mode 100644 ~$ckeMe.Com_Documentation.docx
```

○ Create New Repository in [Create a New Repository (github.com)](#)

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Owner *   **Repository name** *

🔲 NajranaPai ▾ / `LockedMe.Com_Phase2_Project` ✓

Great repository names are   LockedMe.Com_Phase2_Project is available.   ? How about **didactic-umbrella**?

Description (optional)

[   ]

⦿ 🔲 **Public**
   Anyone on the internet can see this repository. You choose who can commit.

○ 🔒 **Private**
   You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

☐ **Add a README file**
   This is where you can write a long description for your project. Learn more.

☐ **Add .gitignore**
   Choose which files not to track from a list of templates. Learn more.

☐ **Choose a license**
   A license tells others what they can and can't do with your code. Learn more.

[**Create repository**]

○ *git clone* repository link:

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git clone "https://github.com/NajranaPai/LockedMe.Com_Phase2_Project.git"
Cloning into 'LockedMe.Com_Phase2_Project'...
warning: You appear to have cloned an empty repository.
```

○ *git log --oneline*:

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git log --oneline
e33be2a (HEAD -> master) added
e5451ab Project done
```

○ *git push -u*:

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git remote add origin https://github.com/NajranaPai/LockedMe.Com_Phase2_Project.git
```

```
Najrana@DESKTOP-4HJOMF5 MINGW64 ~/LockedMe.Com_Phase_2_Project (master)
$ git push --set-upstream origin master
Enumerating objects: 16, done.
Counting objects: 100% (16/16), done.
Delta compression using up to 12 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (16/16), 432.49 KiB | 15.45 MiB/s, done.
Total 16 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/NajranaPai/LockedMe.Com_Phase2_Project.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

https://github.com/NajranaPai/LockedMe.Com_Phase2_Project.git