

SIMPLILEARN ASSESSMENT -1

LockedMe.com



ABSTRACT

In this file you can see the source code of lockedMe.com which is written in java with Eclipse IDE.

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Source Code

```

package LockedMe.com;
import java.io.*;
import java.util.*;

class operation
{
    static Scanner sc = new Scanner(System.in);
    static void showFiles()
    {
        String [] filename;
        File f=new File("D:\\Lockers\\");

        filename=f.list();
        for(String files:filename)
        {
            System.out.println(files);
        }
    }

    static void addFile() throws Exception //starts of addFile method
    {
        //Extension is to be added just to perfection of file.
        System.out.println("Please enter file name with extention(Such as
Me.txt/You.java etc): ");
        String filename=null;
        try {
            filename=sc.next();
        }catch(InputMismatchException e) {
            System.out.println("Invalid inputs are given, please give
correct input");
        }catch(NullPointerException e) {
            e.printStackTrace();
        }
        //adding a new file to the directory
        String filepath="D:\\Lockers\\"+filename;
        File newFile=new File(filepath);

        Boolean flag=null;
        flag = newFile.createNewFile();

        if(flag==false)
        {
            System.out.println("File name "+filename+" is already in the
Directory !!!");
        }else
        {
            System.out.println("File has been created succesfully on
below path \n"+filename);
        }
    }
}

```

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        static void deleteFile() throws Exception //starts of deleteFile
method
    {
        System.out.println("Please tell us, which file you want to
remove: ");
        String filename=sc.next();
        File f=new File("D:\\Lockers\\"+filename);
        if(f.delete())
        {
            System.out.println("The File name "+f.getName()+" is
Deleted");
        }
        else
        {
            System.out.println("The file name "+f.getName()+" is not
available");
        }
    } //end of deleteFile method

    static void searchFileName()//starts of searchFileName method
    {
        System.out.println("Please give file name to find");
        String fname=sc.next();
        File dir=new File("D:\\Lockers\\");
        String[] filelist =dir.list();
        int flag=0;

        if(filelist==null)
        {
            System.out.println("Empty Directory");
        }
        else
        {
            for(int i=0;i<filelist.length;i++)
            {
                String filename=filelist[i];
                if(filename.equalsIgnoreCase(fname))
                {
                    System.out.println("File name "+filename+" is
available in the Directory !");
                    flag = 1;
                }
            }
        }
        if(flag==0)
        {
            System.out.println("File name "+fname+" is not available");
        }
    }

```

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        } //end of searchFileName method
    }

//Main Class starts from here
public class FileManager extends operation{
    static Scanner sc=new Scanner(System.in);

    private static void mydetails()
    {
        System.out.println("\n<----- Hello Everyone! Welcome to My
Project ----->\n\n");

        System.out.println("=====\nLet me
introduce my self\n=====");
        System.out.println("My Name is Dipak Sinh");
        System.out.println("My Project name is LockedMe.com");
        System.out.println("My mail id is
singhdk.singh68@gmail.com\n=====\n");
    }
    static void subchoice() throws Exception
    {
        int ch=0;
        breakMe: while(true) {
            System.out.println("\nPlease select any of
below\n~~~~~\n1. Let's add new file\n"
+ "\n2. Let's delete a file\n\n3. Let's find a
file\n\n4. Let's go back to main menu\n~~~~~");
            boolean flag=true;
            while(flag) try {
                ch=sc.nextInt();
                flag=false;
            }
            catch(InputMismatchException e){
                System.out.println("Please Enter a number not a
Character");
                sc.nextLine();
            }
            switch(ch) {
            case 1:
                addFile();
                break;
            case 2:
                deleteFile();
                break;
            case 3:
                searchFileName();
                break;
            case 4:

```

```

System.out.println("~~~~~");
        break breakMe;
    default:
        System.out.println("\nNice input but it won't
work.\nPlease enter value from 1 to 4.\nThank you!");
    }
}

public static void main(String[] args) throws Exception {
    int ch=0;
    FileManager.mydetails();
    while(true) {
        System.out.println("\nPlease enter your choice from below
\n~~~~~ \n\n1. Want to see files in
ascending order ? - press 1\n"
        +"\n2. Want to do some operation ? - press 2
\n\n3. Want to end the program ? - press 3");
        boolean flag=true;
        while(flag) try {
            ch=sc.nextInt();
            flag=false;
        }
        catch(InputMismatchException e){
            System.out.println("Please Enter a number not a Character");
            sc.next();
        }

        switch(ch) {
            case 1:
                System.out.println("File's List ascending
order\n~~~~~");
                showFiles();
                break;
            case 2:
                FileManager.subchoice();
                break;
            case 3:
                System.out.println("<----- Thank you so much!
Please Visit Again. ----->");
                System.exit(0);
                break;
            default:
                System.out.println("\nNice input but it won't
work.\nPlease enter value from 1 or 2 or 3.\nThank you!");
        }
    }
}

```