**Source code**

package com.simplilearn.phase1project;

import java.io.File;

import java.io.IOException;

import java.util.Scanner;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

public class LockedMe {

public static void main(String[] args) throws IOException {

System.out.println ("LockedME");

System.out.println("Developer Name : Yogita Shende\n");

Scanner sc= new Scanner(System.in);

while(true) {

System.out.println("Enter your choice form the below option 1.Display\n 2.Menu \n 3.Exit");

int ch = sc.nextInt();

String path= "D:\\files\\";

int flag =0;

switch(ch)

{

case 1:

System.out.println("List of files are\n");

File f=new File(path);

File filenames[]=f.listFiles();

for(File ff: filenames) {

System.out.println(ff.getName());

}

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

break;

case 2 :

boolean op = true;

while(op) {

System.out.println ("Enter the operation need to perform 1.To add file into directory\n 2.To delete the file\n 3.To search the file\n 4.return to main menu");

int key = sc.nextInt();

switch(key)

{

case 1:

System.out.println("enter the file in the directory of "+path);

String filename=sc.next();

File f1=new File(path+filename);

boolean b=f1.createNewFile();

if(b!=true) {

System.out.println("file not created");

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

}

else {

System.out.println("file created in the path" +path);

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

}

break;

case 2:

String filename1= sc.next();

File f2= new File(path+filename1);

boolean c =f2.delete();

if(c==true) {

System.out.println("file has been deleted");

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

}

else {

System.out.println("file is not found/ cannot be deleted ");

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

}

break;

case 3:

System.out.println("enter the file in the directory of "+path);

String filename2= sc.next();

File f3 =new File(path);

File filenames2 []= f3.listFiles();

int flag1=0;

for(File ff: filenames2) {

if(ff.getName().equals(filename2)) {

flag1=1;

break;

}

else {

flag1=0;

}

}

if(flag1==1) {

System.out.println("the file is found");

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

}

else {

System.out.println("file is not found");

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

}

break;

case 4 :

if(op= false)

{

break;

}

}

}

break;

case 3:

if(flag ==0)

{

System.exit(0);

}

default : System.out.println("invalid choice");

}

}

}

}