import java.io.File;

import java.io.IOException;

import java.util.\*;

public class FileOperations {

public static void main(String a[]){

System.out.println("Project Name : Lockedme.com");

System.out.println("Developer Name : Darshankumar Maheshbhai Mehta");

do

{

Scanner sc=new Scanner(System.in);

System.out.println("Enter 1 for Add a File :");

System.out.println("Enter 2 for Delete a File :");

System.out.println("Enter 3 for Search a File :");

System.out.println("Enter 4 for display Files in Ascending order :");

System.out.println("Enter 5 for stop the program");

System.out.println("Enter your choice::");

int choice = sc.nextInt();

switch(choice)

{

case 1:

Scanner sc1=new Scanner(System.in);

System.out.println("Enter File name to add:");

String fn=sc1.nextLine();

File stockFile = new File("f:/stu\_certi/"+fn+".txt");

try {

boolean flag= stockFile.createNewFile();

} catch (IOException e) {

e.printStackTrace();

}

break;

case 2:

Scanner sc2=new Scanner(System.in);

System.out.println("Enter File name to delete:");

fn=sc2.nextLine();

File file1 = new File("f:/stu\_certi/"+fn);

if(file1.exists())

file1.delete();

else

System.out.println("File Was not Found");

break;

case 3:

Scanner sc3=new Scanner(System.in);

System.out.println("Enter File name to search:");

fn=sc3.nextLine();

File dir = new File("f:/stu\_certi/");

String[] files = dir.list();

if (files == null) {

System.out.println("Directory does not contains any file");

} else {

int i;

for (i = 0; i < files.length; i++) {

String filename = files[i];

if(fn.equals(filename))

{

System.out.println(filename+"Found Sucssefully");

break;

}

}

if(i>=files.length)

System.out.println("File not Found");

}

break;

case 4:

File file = new File("f:/stu\_certi/");

String[] fileList = file.list();

for(String name:fileList){

System.out.println(name);

}

int size = fileList.length;

for(int i = 0; i<size-1; i++)

{

for (int j = i+1; j<fileList.length; j++)

{

if(fileList[i].compareTo(fileList[j])>0)

{

String temp = fileList[i];

fileList[i] = fileList[j];

fileList[j] = temp;

}

}

}

for(String name:fileList){

System.out.println(name);

}

break;

case 5:

System.out.println("Closing Program");

System.exit(0);

break;

default:

System.out.println("Incorrect choice");

}

}while(true);

}

}