package project;

import java.io.File;

import java.io.IOException;

import java.util.Scanner;

class FileOperation

{

static int choice;

static int Fchoice;

static String location = "G:\\Pjt1";

public static void operation() throws IOException

{

do

{

int choice=0;

System.out.println("MAIN MENU");

System.out.println("Select the Options Given Below:");

System.out.println("1. Retrieve All Files from Folder");

System.out.println("2. Perform File Operations");

System.out.println("3. Exit\n");

Scanner sc = new Scanner(System.in);

choice= sc.nextInt();

switch(choice)

{

case 1:

File Fobj = new File("G:\\Pjt1");

File fa[] = Fobj.listFiles();

for(int i=0;i<fa.length;i++)

{

if(fa[i].isFile())

{

System.out.println("File: "+fa[i] +"\n");

}

}

break;

case 2:

do

{

int count=0;

System.out.println("\*\*FILE OPERATION SECTION\*\*");

System.out.println("Select the Options Given Below:");

System.out.println("1. Add File");

System.out.println("2. Delete File");

System.out.println("3. Search File");

System.out.println("4. Goback to Main Menu");

System.out.println("5. Exit\n");

Fchoice= sc.nextInt();

switch(Fchoice)

{

case 1:

System.out.println("Want to add File?");

System.out.println("Please Enter the File");

String str2 = sc.next();

File addfile = new File(location+"\\"+str2);

if(addfile.exists())

{

System.out.println("Already exits !! Please Enter Again\n");

}

else

{

try

{

addfile.createNewFile();

System.out.println("!!Your file is successfully created!!!\n");

}catch(IOException e)

{

e.printStackTrace();

}

}

break;

case 2:

//System.out.println(" Delete File ");

System.out.println("Please Enter the File name you want to delete");

String st = sc.next();

File delFile = new File(location+"\\"+st);

if(delFile.exists())

{

delFile.delete();

System.out.println(delFile+" File is Deleted\n");

}else

{

System.out.println("!!File not Found!!!\n");

}

break;

case 3:

System.out.println("Please Enter Name of the File to be searched :");

st = sc.next();

File fsearch = new File("G:\\Pjt1");

File fsa[] = fsearch.listFiles();

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

if(fsa[i].getName().startsWith(st)) {

count++;

if(fsa[i].isFile()) {

System.out.println("File is found : "+fsa[i]+"\n\n");

}

}

}

if(count==0)

System.out.println("No Record found\n");// here we get file not found exception

break;

case 4:

System.out.println("Thanks for using my application");

System.exit(1);

break;

default:

System.out.println("--------you enetered Invalid input-----------");

}

System.out.println("Press Enter");

System.in.read();

}while(Fchoice!=4);

break;

case 3:

System.out.println("Thanks for using my application");

System.exit(1);

default:

System.out.println("---------you entered Invalid input------");

} // Switch close

}while(choice!=3); // do close

} //method close

} // class close

public class LockedMe {

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

String str = "srija";

String appName = "LockedMe";

File mFolder =new File("G:\\Pjt1");

System.out.println("Welcome to Virtual Key for Repositories in JAVA\n\n");

System.out.println("ApplicationName:"+ appName +" developed by "+str);

System.out.println("Press Enter to continue...");

System.in.read();

//System.out.print("\u000C");

FileOperation.operation();

}

}