Source code -Virtual key for your Repositories

Github link

https://github.com/ashwinbalaji44/Assignment.git

FileSwitch.java

package project\_file;

import java.io.File;

import java.io.IOException;

import java.util.Scanner;

public class FileSwitch {

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

BusinessLevelOperation bls = new BusinessLevelOperation();

Scanner sc = new Scanner(System.in);

outerloop:

while(true)

{

System.out.println("Enter (1): To retrive files in ascending order\nEnter (2): Business level Operation\nEnter (3):Close the application");

int a=sc.nextInt();

switch(a)

{

case 1: sortfn();

System.out.println("Above Files are sorted in ascending order");

break;

case 2: bls.operation();

System.out.println("Returned to Main Menu");

break;

case 3: break outerloop;

}

}

System.out.println("End of Page");

}

private static void sortfn() {

String path="E:\\java programming\\";

File f=new File(path);

//display operation

File filenames[]=f.listFiles();

for(File ff:filenames) {

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

}

}

}

BusinessLevelOperation.java

package project\_file;

import java.io.File;

import java.io.IOException;

import java.util.Scanner;

public class BusinessLevelOperation {

public void operation() throws IOException

{

Scanner s = new Scanner(System.in);

outerloop:

while(true)

{

System.out.println("Enter 1: Add file\nEnter 2: Delete File\nEnter 3: Search a file\nEnter 4: Return to Main Menu");

int b=s.nextInt();

switch(b)

{

case 1: addfile();

break;

case 2: deletefile();

break;

case 3: searchfile();

break;

case 4: break outerloop;

}

}

}

private void searchfile() {

String path="E:\\java programming\\";

Scanner s=new Scanner(System.in);

System.out.println("enter the filename to search");

String filename=s.next();

File f=new File(path);

//display operation

int flag=0;

File filenames[]=f.listFiles();

for(File ff:filenames) {

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

flag=1;

break;

}

else

flag=0;

}

if(flag==1)

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

else

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

}

private void deletefile() {

String path="E:\\java programming\\";

Scanner s=new Scanner(System.in);

System.out.println("enter the filename");

String filename=s.next();

String finalpath=path+filename;

File f=new File(finalpath);

//delete operation

f.delete();

System.out.println("file gets deleted");

}

private void addfile() throws IOException {

String path="E:\\java programming\\";

Scanner s=new Scanner(System.in);

System.out.println("enter the filename");

String filename=s.next();

String finalpath=path+filename;

File f=new File(finalpath);

//create a new file

boolean b=f.createNewFile();

if(b!=true) {

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

}

else {

System.out.println("file created");

}

}

}

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