Source Code

import java.io.File;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.util.Scanner;

class Cr1

{

static void Display() throws IOException {

String path="C:\\Users\\Logesh\\Desktop\\FinalProject\\";

File f=new File(path);

File filenames[]=f.listFiles();

for(File ff:filenames) {

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

}

}

static void Create() throws IOException

{

String path="C:\\Users\\Logesh\\Desktop\\FinalProject\\";

Scanner s=new Scanner(System.***in***);

System.***out***.println("Enter the name of the file");

String filename=s.next();

String folderpath;

folderpath=path+filename;

File f=new File(folderpath);

boolean b=f.createNewFile();

if(b != true)

{

System.***out***.println("File does not exists");

}

else

System.***out***.println("File exists");

}

void Read1() throws IOException {

String path="C:\\Users\\Logesh\\Desktop\\FinalProject\\";

System.***out***.println("Enter the file to be read");

Scanner b=new Scanner(System.***in***);

String name=b.next();

String finals=path+name;

System.***out***.println(finals);

FileReader f=new FileReader(finals);

if(f!=null) {

System.***out***.println("File exists");

System.***out***.println("The contents are: ");

int i=0;

//-1 is EOF

while((i=f.read())!=-1){

System.***out***.print((char)i);

}

f.close();

}

}

static void Write1() throws IOException{

Scanner s=new Scanner(System.***in***);

String path="C:\\Users\\Logesh\\Desktop\\FinalProject\\Write";

FileWriter f=new FileWriter(path);

System.***out***.println("Enter the subject to be written in the file");

String i=s.nextLine();

byte b[]= i.getBytes();

f.write(i);

System.***out***.println("The required content is written in the file");

f.close();

}

static void Search1() throws IOException{

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

Scanner sc=new Scanner(System.***in***);

String path ="C:\\Users\\Logesh\\Desktop\\FinalProject\\";

String filename3=sc.next();

File f=new File(path);

int flag=0;

File filenames[]=f.listFiles();

for(File ff:filenames) {

if(ff.getName().equals(filename3))

{

flag=1;

break;

}

else {

flag=0;

}

}

if(flag==1) {

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

}

else {

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

}

}

static void Del() throws IOException {

String path="C:\\Users\\Logesh\\Desktop\\FinalProject\\";

Scanner sc=new Scanner(System.***in***);

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

String filename=sc.next();

String finalpath=path+filename;

File f=new File(finalpath);

//delete operation

f.delete();

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

}

}

public class File\_Project {

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

Scanner s=new Scanner(System.***in***);

Cr1 a=new Cr1();

while(true) {

System.***out***.println("Enter the main switch option:\n 1)display the files\n 2)Goto switch case\n 3)exit");

int option1=s.nextInt();

switch(option1)

{

case 1:a.*Display*();

break;

case 2:while(true) {

System.***out***.println(" Enter the option\n" +"Option 1:Create\n"+"Option 2:Read\n"+"Option 3:Write\n"+"Option 4:Search\n"+"Option 5:Delete\n"+"Option 6:Exit\n");

int option2 =s.nextInt();

switch(option2)

{

case 1:a.*Create*();break;

case 2:a.Read1();break;

case 3:a.*Write1*();break;

case 4:a.*Search1*();break;

case 5:a.*Del*();break;

case 6:System.*exit*(0);

}

}

case 3:System.*exit*(0);

}

}

}}