**作业**

任务1：打印文档

任务描述

使用FileReader类，读取一个Hello.java文档，并将文档内容在控制台上打印输出。

任务要求

正确处理相关异常

Hello.java文件内容任意

提示

可以使用缓冲流提高效率。

package day17.homeWork2;

import java.io.BufferedInputStream;

import java.io.BufferedReader;

import java.io.FileNotFoundException;

import java.io.FileReader;

import java.io.IOException;

public class ZuoYe1 {

public static void main(String[] args){

// TODO Auto-generated method stub

FileReader fr = null;

BufferedReader br;

try {

fr = new FileReader("src/day17/homeWork2/Hello1.java");

br = new BufferedReader(fr);

String str;

while((str = br.readLine())!=null) {

System.out.println(str);

}

} catch (FileNotFoundException e) {

// TODO Auto-generated catch block

//e.printStackTrace();

System.out.println(e.getMessage());

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}finally {

if(fr!=null){

try {

fr.close();

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

}

}

任务2：

任务描述

使用FileWriter 将 字符串”好好学习Java”写入 写数据到 haha.txt 中。

提示





package day17.homeWork2;

import java.io.FileWriter;

import java.io.IOException;

public class ZuoYe2 {

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

char [] a = "好好学习Java".toCharArray();

FileWriter fw = new FileWriter("src/day17/homeWork2/haha.txt");

fw.write(a, 0, a.length);

fw.flush();

fw.close();

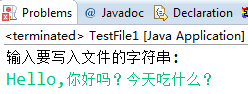
}

}

任务3：

任务描述

从控制台输入一行字符串，写入Hello.txt文件中。



提示： BufferedReader PrintWriter

package day17.homeWork2;

import java.io.BufferedWriter;

import java.io.FileWriter;

import java.io.IOException;

import java.io.PrintStream;

import java.io.PrintWriter;

import java.util.Scanner;

public class ZuoYe3 {

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

// TODO Auto-generated method stub

Scanner sc = new Scanner(System.in);

PrintWriter pw = new PrintWriter(System.out);

pw.println("输入要写入文件的字符串：");

pw.flush();

pw.close();

String name = sc.nextLine();

FileWriter fw = new FileWriter("src/day17/homeWork2/Hello.txt");

BufferedWriter bw = new BufferedWriter(fw);

bw.write(name);

bw.flush();

bw.close();

}

}

任务4：复制文档

任务描述

使用FileWriter类将一个Student.java文档复制到newstudent.txt文件中。

任务要求

Student.java内容任意

正确处理相关异常。

难点提示

用FileReader读，用FileWriter写。

用缓冲流提高效率

newLine()写入换行

package day17.homeWork2;

import java.io.BufferedReader;

import java.io.BufferedWriter;

import java.io.FileNotFoundException;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

public class ZuoYe4 {

public static void main(String[] args) {

// TODO Auto-generated method stub

FileReader fr = null;

FileWriter fw = null;

BufferedReader br = null;

BufferedWriter bw = null;

try {

fr = new FileReader("src/day17/homeWork2/Student.java");

br = new BufferedReader(fr);

fw = new FileWriter("src/day17/homeWork2/newstudent.txt");

bw = new BufferedWriter(fw);

String str;

while ((str = br.readLine()) != null) {

bw.write(str);

bw.newLine();

bw.flush();

}

} catch (FileNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} finally {

try {

if (bw != null) {

bw.close();

}

if (fw != null) {

fr.close();

}

if (br != null) {

br.close();

}

if (fr != null) {

fr.close();

}

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

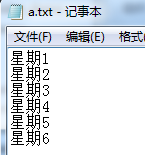
}

}

任务5：格式写入

任务描述

使用PrintWriter类把以下内容写入到a.txt文本文件中



package day17.homeWork2;

import java.io.FileWriter;

import java.io.IOException;

import java.io.PrintWriter;

public class ZuoYe5 {

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

// TODO Auto-generated method stub

//FileWriter fw = new FileWriter();

PrintWriter pw = new PrintWriter("src/day17/homeWork2/a.txt");

for(int i =1;i<=6;i++) {

pw.write("星期"+i);

pw.write("\r\n");

pw.flush();

}

pw.close();

}

}