1. Write an application to create a third text file based on the contents of two text files.

The third text file should be created as follows:

The first line will be the first line of first file.

The second line will be the first line of the second file.

The third line will be the second line first file.

The fourth line will be the second line of second file and so on…

1. Write a java program to perform the following operations based upon the choice entered by the user.
2. Reading input from a file (f1) and displaying it in the console
3. Read the input from the program itself and write to the file (f2)
4. Concatenation of files (f1 and f2) => f3
5. Appending information to file f3
6. Perform word count on f3
7. Write a program in java to read a statement from console, convert it in to uppercase and again print on console
8. Write a program in java, which takes the name of a file from user, read the contents of the file and display it on the console
9. Write a java program to copy a file into another file
10. Write a program to serialize the student object(id,name,marks) Write a student object into the file and read the same from the file Deseralization
11. Program to count the number of lines in a file.
12. [Java program to write content into file using BufferedWriter](https://www.includehelp.com/java-programs/write-content-into-file-using-BufferedWriter.aspx)
13. Write a Java program to get a list of all file/directory names from the given.

1

import java.io.\*;

public class ApplicationToWriteContent

{

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

{

PrintWriter pw = new PrintWriter("cdr.txt");

BufferedReader br1 = new BufferedReader(new FileReader("xyz.txt"));

BufferedReader br2 = new BufferedReader(new FileReader("pqrs.txt"));

String line1 = br1.readLine();

String line2 = br2.readLine();

while (line1 != null || line2 !=null)

{

if(line1 != null)

{

pw.println(line1);

line1 = br1.readLine();

}

if(line2 != null)

{

pw.println(line2);

line2 = br2.readLine();

}

}

pw.flush();

br1.close();

br2.close();

pw.close();

System.out.println("Merged files");

}

}

2

import java.io.\*;

import java.util.\*;

class Concatination

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

{

Scanner sc=new Scanner(System.in);

System.out.println("Enter your choce");

System.out.println("1.Reading input from a file f1 and display");

System.out.println("2.Read the input from the program itself and write to the file f2");

System.out.println("3.Concatenation of files f3");

int ch1=sc.nextInt();

FileReader f1=new FileReader("file1.txt");

switch(ch1)

{

case 1:

int i=f1.read();

while(i!=-1)

{

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

i=f1.read();

}

break;

case 2:

FileWriter f=new FileWriter("file2.txt",true);

f.write("Hello");

f.write("Akshay");

f.write(100);

f.write("Satara");

f.flush();

f.close();

break;

case 3:

PrintWriter pw = new PrintWriter("file3.txt");

BufferedReader br1 = new BufferedReader(new FileReader("file1.txt"));

BufferedReader br2 = new BufferedReader(new FileReader("file2.txt"));

String line1 = br1.readLine();

String line2 = br2.readLine();

while(line1 !=null)

{

if(line1 != null)

{

pw.println(line1);

line1 = br1.readLine();

}

}

while(line2 !=null)

{

if(line2 != null)

{

pw.println(line2);

line2 = br2.readLine();

}

}

pw.flush();

br1.close();

br2.close();

pw.close();

System.out.println("Merged files");

FileWriter f2=new FileWriter("file3.txt",true);

f2.append("My name is Akshay Kanse (AK)");

f2.close();

System.out.println("Data Append Succesfully");

File f3=new File("file3.txt");

String[] words=null;

int wc=0;

FileReader fr=new FileReader(f3);

BufferedReader brr=new BufferedReader(fr);

String s;

while((s=brr.readLine())!=null)

{

words=s.split(" ");

wc=wc+words.length;

}

fr.close();

System.out.println("number of words in the file are="+wc);

break;

}

}

}

3

import java.io.\*;

import java.util.\*;

public class BufferedReaderDemoxyz{

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

{

Scanner sc=new Scanner(System.in);

System.out.print("Provide Source file name");

String sfile=sc.next();

FileReader fr=new FileReader(sfile);

BufferedReader br=new BufferedReader(fr);

String line=br.readLine();

while(line!=null)

{ String Ucase=line;

System.out.println("Console output before uppercase\n"+line);

System.out.println("Console output converted into uppercase\n"+Ucase.toUpperCase());

line=br.readLine();

}

br.close();

}

}

4

import java.io.\*;

import java.util.\*;

class BufferedReaderDemoxyz

{

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

{

Scanner sc=new Scanner(System.in);

System.out.print("Provide Source file name");

String sfile=sc.next();

FileReader fr=new FileReader(sfile);

BufferedReader br=new BufferedReader(fr);

String line=br.readLine();

while(line!=null)

{

System.out.println(line);

line=br.readLine();

}

br.close();

}

}

5

import java.io.\*;

import java.util.\*;

class CopyfileDemo

{

public static void main(String[]args) throws Exception

{

Scanner sc=new Scanner(System.in);

System.out.print("Provide Source file name");

String inp=sc.next();

System.out.println("Provide Destination file name");

String outp=sc.next();

FileReader fr=new FileReader(inp);

FileWriter fw=new FileWriter(outp);

int a;

while((a=fr.read()) != -1);

{

fw.write(a);

}

System.out.println("Copy completed");

fw.flush();

fr.close();

fw.close();

}

}

6

import java.io.\*;

class Student implements Serializable

{

String name;

int id;

int marks;

Student(String na, int i, int m)

{

this.name = na;

this.id = i;

this.marks = m;

}

}

class Demoserialize

{

public static void main(String[] args)

{

try

{

Student s = new Student("Akshay", 111, 90);

FileOutputStream f = new FileOutputStream("xyz.txt");

ObjectOutputStream o = new ObjectOutputStream(f);

o.writeObject(s);

o.flush();

o.close();

}

catch (Exception e)

{

System.out.println(e);

}

System.out.println("Serialization completed");

}

}

import java.io.\*;

import java.util.\*;

class Student implements Serializable

{

String name;

int id;

int marks;

Student(String n, int r,int m)

{

this.name = n;

this.id = r;

this.marks = m;

}

}

Program for Deserialization

class DemoDeserialization

{

public static void main(String[] args)throws Exception

{

Student si=null ;

try

{

FileInputStream fis = new FileInputStream("pqr.txt");

ObjectInputStream ois = new ObjectInputStream(fis);

si = (Student)ois.readObject();

}

catch (Exception e)

{

e.printStackTrace();

}

System.out.println(si.name);

System.out. println(si.id);

System.out.println(si.marks);

}

}

7

import java.nio.file.\*;

class Linecount

{

public static void main(String args[])

{

try

{

Path file=Paths.get("pqr.txt");

long count=Files.lines(file).count();

System.out.println("total lines:"+count);

}

catch(Exception e)

{

e.getStackTrace();

}}}

8

import java.io.\*;

public class Bufferwriterdemoabc{

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

BufferedWriter bw=new BufferedWriter(new FileWriter("xyz.txt"));

bw.write(65);

bw.newLine();

char[] ch={'a','b','c','d','e'};

bw.write(ch);

bw.newLine();

bw.write("cdac");

bw.newLine();

bw.write("jaipur");

bw.flush();

bw.close();

System.out.println("Writing completed");

}

}

9

import java.io.\*;

import java.io.IOException.\*;

public class Listoffile

{

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

{

int count=0;

File f =new File("c:\\akshay1");

String s[]=f.list();

for(String s1:s)

{

count++;

System.out.println(s1);

}

System.out.println("total number of files "+count);

}

}