Cracking coding

Merge two sorted arrays: array a has extra space to accommodate b.

/\* package whatever; // don't place package name! \*/

import java.util.\*;

import java.lang.\*;

import java.io.\*;

/\* Name of the class has to be "Main" only if the class is public. \*/

class Ideone

{

static void merge(int[] arrayA,int[] arrayB,int indexA,int indexB)

{

int finalindex = indexA + indexB ;

System.out.print(indexA+""+indexB+""+finalindex);

while ( finalindex != 0)

{

if (arrayA[indexA]>arrayB[indexB])

{

arrayA[finalindex]=arrayA[indexA];

finalindex--;

indexA--;

}

else

{

arrayA[finalindex]=arrayB[indexB];

finalindex--;

indexB--;

}

}

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

{

System.out.print(arrayA[i]);

}

}

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

{

int[] arrayA = new int[6];

int[] arrayB = new int[3];

arrayA[0]=0;

arrayA[1]=1;

arrayA[2]=3;

arrayB[0]=1;

arrayB[1]=2;

arrayB[2]=4;

int indexA=0,indexB=0;

int maxA = arrayA[0];

int maxB = arrayB[0];

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

if(maxA>arrayA[i])

{

indexA=indexA;

}else

{ maxA=arrayA[i];

indexA=i;

}

}

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

if(maxB>arrayB[i])

{

indexB=indexB;

}else

{

maxB=arrayB[i];

indexB=i;

}

}

merge(arrayA,arrayB,indexA,indexB);

}

}

2 . SORT ARRAY OF STRING SO ANAGRAMS ARE NEXT TO EACH OTHER

/\* package whatever; // don't place package name! \*/

import java.util.\*;

import java.lang.\*;

import java.io.\*;

import java.util.Collection;

import java.util.Enumeration;

import java.util.Hashtable;

import java.util.Set;

/\* Name of the class has to be "Main" only if the class is public. \*/

class Ideone

{

static String sortChars(String a)

{

char[] chars = a.toCharArray();

Arrays.sort(chars);

String sorted = new String(chars);

return sorted;

}

public static void sort (String[] array)

{

Hashtable<String,LinkedList<String>> hash = new Hashtable<String,LinkedList<String>>();

for(String s: array){

String key = sortChars(s);

if(!hash.containsKey(key)){

hash.put(key,new LinkedList<String>());

}

LinkedList<String> anagrams = hash.get(key);

anagrams.push(s);

}

int index=0;

for(String key :hash.keySet()){

LinkedList<String> list = hash.get(key);

for(String t : list){

array[index]=t;

index++;

}

}

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

{

System.out.println(array[i]);

}

}

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

{

String[] array = new String[5];

array[0] = "cheese";

array[1]= "pig";

array[2] = "chseee";

array[3]="igp";

sort(array);

}

}