Bar chart problem

import java.io.\*;

import java.util.\*;

public class Main{

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

// write your code here

Scanner sc=new Scanner(System.in);

System.out.println("enter n");

int n=sc.nextInt();

int arr[]=new int[n];

int max= Integer.MIN\_VALUE;

for(int i=0;i<n;i++){

arr[i]=sc.nextInt();

if(max<arr[i]){

max=arr[i];

}

}

for(int i=max; i>0;i-- ){

for(int j=0; j<n;j++){

if(arr[j]>= i){

System.out.print("\t\*");

}

else{

System.out.print("\t");

}

}

System.out.println("");

}

}

}

Sum of an array in form of digit addition

import java.io.\*;

import java.util.\*;

public class Main{

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

// write your code here

Scanner sc=new Scanner(System.in);

System.out.println("enter n1");

int n1=sc.nextInt();

int arr1[]=new int[n1];

for (int i=0;i<n1;i++){

arr1[i]=sc.nextInt();

}

System.out.println("enter n2");

int n2=sc.nextInt();

int arr2[]=new int[n2];

for (int i=0;i<n2;i++){

arr2[i]=sc.nextInt();

}

int max=0;

if(n1>n2){

max=n1;

}

else{ max=n2;

}

int ans[]=new int [max];

int i=arr1.length-1;

int j=arr2.length-1;

int k=ans.length-1;

int c=0;

while(k>=0){

int d=c;

if(i>=0){

d+=arr1[i];

}

if(j>=0){

d+=arr2[j];

}

c=d/10;

d=d%10;

ans[k]=d;

i--;

j--;

k--;

}

if(c!=0){

System.out.println(c);

}

for(int val:ans){

System.out.println(val);

}

}}

Diff of two arrays

See the soln from pepcoding(forgot to copy would do it later.)

Reversing an array

import java.io.\*;

import java.util.\*;

public class Main{

public static void display(int[] a){

StringBuilder sb = new StringBuilder();

for(int val: a){

sb.append(val + " ");

}

System.out.println(sb);

}

public static void reverse(int[] a){

// write your code here

int i=0;

int mid=0;

int j=a.length-1;

mid=a.length/2-1;

// if(a.length%2!=0){

// mid=(a.length)/2 -1;

// }else{

// mid=a.length/2;

// }

for ( i=0;i<=mid;i++){

int temp=a[j];

a[j]=a[i];

a[i]=temp;

j--;

}

}

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

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

int n = Integer.parseInt(br.readLine());

int[] a = new int[n];

for(int i = 0; i < n; i++){

a[i] = Integer.parseInt(br.readLine());

}

reverse(a);

display(a);

}

}