1) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int h=sc.nextInt();

int m=sc.nextInt();

int s=sc.nextInt();

System.out.println("Total Number of hours is " +(h+=m/60));

System.out.println("Total Number of minutes is "+(m=m%60));

System.out.println("Total Number of seconds is "+s);

}

}

2) import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int n = sc.nextInt();

int[] arr = new int[n];

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

arr[i] = sc.nextInt();

}

int distinctCount = 0;

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

int j;

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

if (arr[i] == arr[j]) {

break; // element already exists, stop checking

}

}

if (j == i) {

distinctCount++;

}

}

System.out.println("There are " + distinctCount + " distinct element" + (distinctCount > 1 ? "s" : "") + " in the array.");

}

}

3) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

int[] a=new int[n];

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

a[i]=sc.nextInt();

}

int key=sc.nextInt();

boolean b=false;

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

if(key==a[i]){

b=true;

}

}

if(b){

System.out.println(key+" is presented in an array.");

}else{

System.out.println(key+" is not presented in an array.");

}

}

}

4) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

int[] a=new int[n];

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

a[i]=sc.nextInt();

}

int m=sc.nextInt();

Arrays.sort(a);

System.out.print("The elements are in the order: ");

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

System.out.print(a[i] + " ");

}

System.out.println();

System.out.print("The Kth value is " + m +" and Largest elements are ");

for(int i=n-1;i>=n-m;i--){

System.out.print(a[i] + " ");

}

}

}

5) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

int[] a=new int[n];

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

a[i]=sc.nextInt();

}

int sum=0;

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

if(a[i]>0){

sum+=a[i]\*a[i];

}

}

System.out.println(sum);

}

}

7) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner (System.in);

int n=sc.nextInt();

int[] a=new int[n];

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

a[i]=sc.nextInt();

}

int eve=(n+1)/2;

int odd=n/2;

int[] even=new int[eve];

int[] od=new int[odd];

int c=0,d=0;

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

if(i%2==0){

even[c++]=a[i];

}else{

od[d++]=a[i];

}

}

Arrays.sort(even);

Arrays.sort(od);

int el=even[eve-2];

int os=od[1];

int sum=el+os;

System.out.println("Sum="+sum);

}

}

8) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.next();

char[] ch=s.toCharArray();

String rev="";

for(int i=ch.length-1;i>=0;i--){

rev+=ch[i];

}

System.out.println(rev);

}

}

9) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String a = sc.nextLine();

String b = a.replace(" ", "");

System.out.println(b);

}

}

10) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

String st=s.replaceAll("[aeiouAEIOU]","");

System.out.println(st);

}

}

11) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s1=sc.next();

String s2=sc.next();

String s3=s1+s2;

System.out.println(s3);

}

}

12) import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.next();

int count=0;

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

char ch=s.charAt(i);

if(ch=='a'||ch=='e'||ch=='i'||ch=='o'||ch=='u' ||ch== 'A'||ch=='E'||ch=='I'||ch=='O'||ch=='U'){

count++;

}

}

System.out.println(count);

}

}