1)

import java.util.\*;

public class DupUniq{

public static void main(String args[]){

int n,Dup=0,Uniq=0;

Scanner sc=new Scanner(System.in);

n=sc.nextInt();

int [] arr = new int [n];

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

{

arr[i]=sc.nextInt();

}

Map<Integer,Integer>map=new HashMap<>();

int i=0;

while(i<n){

if(map.containsKey(arr[i])==false){

map.put(arr[i],1);

}

else{

int oldval=map.get(arr[i]);

int newval=oldval+1;

map.put(arr[i],newval);

}

++i;

}

Set<Map.Entry<Integer,Integer>>hmap=map.entrySet();

for(Map.Entry<Integer,Integer>data:hmap){

if(data.getValue()>1)

{

Dup=Dup+1;

}

else{

Uniq=Uniq+1;

}

}

System.out.println("No.of Duplicate elment= : "+Dup);

System.out.print("No.of Unique elment= : "+Uniq);

}

}

2)

import java.util.\*;

public class Share{

public static void main(String args[]){

int n,choc;

Scanner sc = new Scanner(System.in);

n=sc.nextInt();

choc=sc.nextInt();

if(choc%n==0){

System.out.println("Yes");

}

else{

System.out.println("No");

}

}

}

3) import java.util.\*;

public class NegArray{

public static void main(String args[]){

int n,Dup=0,Uniq=0;

Scanner sc=new Scanner(System.in);

n=sc.nextInt();

int [] arr = new int [n];

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

{

arr[i]=sc.nextInt();

}

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

if(arr[i]<0){

continue;

}

else{

for(int j=i+1;j<n;j++){

if(arr[j]<0){

int temp=arr[i];

arr[i]=arr[j];

arr[j]=temp;

}

}

}

}

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

{

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

}

}

}

4)

import java.util.\*;

public class Dice{

public static void main(String args[]){

int n=10,Dup=0,Uniq=0;

Scanner sc=new Scanner(System.in);

int [] arr = new int [n];

int [] array = new int [n];

int sum1=0;

int sum2=0;

System.out.println("Arun Dice Choice:");

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

{

arr[i]=sc.nextInt();

sum1=sum1+arr[i];

}

System.out.println("Naveen Dice Choice:");

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

{

array[i]=sc.nextInt();

sum2=sum2+arr[i];

}

if(sum1>sum2){

System.out.println("Arun Wins!!!");

}

else{

System.out.println("Naveen Wins!!!");

}

}

}

5)

import java.util.\*;

public class Matrix{

public static void main(String args[]){

int n,m;

Scanner sc=new Scanner(System.in);

n=sc.nextInt();

m=sc.nextInt();

int arr[][]=new int[n][m];

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

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

arr[i][j]=sc.nextInt();

}

}

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

int max=arr[i][0];

int min=arr[i][0];

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

if(arr[i][j]>max)

max=arr[i][j];

if(arr[i][j]<min)

min=arr[i][j];

}

System.out.println("Maximum element of "+ i +" row is : "+max );

System.out.println("Minimum element of "+ i +" row is : "+min );

}

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

int max=arr[0][i];

int min=arr[0][i];

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

if(arr[j][i]>max)

max=arr[j][i];

if(arr[j][i]<min)

min=arr[j][i];

}

System.out.println("Maximum element of "+ i +" column is : "+max );

System.out.println("Minimum element of "+ i +" column is : "+min );

}

}

}