import java.util.Scanner;

import java.util.Arrays;

class Textile{

public static void main(String args[])

{

Scanner sc =new Scanner(System.in);

int i,j=0,c=0;

System.out.println("enter the number of socks in pile");

int sock\_no=sc.nextInt();

int[] ar=new int[sock\_no];

System.out.println("enter the integer equivalent to colour of socks");

for(i=0;i<sock\_no;i++)

ar[i]=sc.nextInt();

Arrays.sort(ar);//sorting array

for(i=0;i<sock\_no;i++)

{

int count=1;

if(i!=sock\_no-1)

{

for(j=i+1;j<sock\_no;j++)

{

if(ar[i]==ar[j])

{

count++;

}

else

break;

}//for j

}

System.out.println(count+" of socks has coloure "+ar[i]);

if(count%2!=0)

c++;

i+=(count-1);

} //for i

System.out.println(c+" socks which don't have pair");

}

}