

<https://course.acciojob.com/idle?question=d5bbd130-6d46-482c-87e4-2a93c485f396>

● EASY

● Max Score: 30 Points

Multiple

Given an Array A of size N. For each index i you have to tell the count of numbers which have index greater than i and are multiples of A[i].

Input

The first line of the input should contains an integer N ,length of Array.

Next line contains N integers which are elements of Array

Constraints:

$1 \leq N \leq 1000$

$1 \leq A[i] \leq 10^6$

Output

Print the list which contains the answer for each person ith integer.

Example

Input:

3
1 2 3

Output:

2 0 0

Explanation:

2,3 are multiple of 1

Topic Tags

- Arrays

My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
    public static void main (String[] args) throws
    java.lang.Exception
    {
        //your code here
        Scanner s=new Scanner(System.in);
        int n=s.nextInt();
        int arr[]=new int[n];
        for(int i=0;i<n;i++)
        {
            arr[i]=s.nextInt();

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

```
        for(int j=i+1;j<n;j++)
        {
            if(arr[j]%arr[i]==0)c++;
        }
        System.out.print(c+" ");
    }
```

```
    }
}
```