- **EASY**

- **Max Score: 30 Points**

Search for a Range

Given a sorted array `arr` with possibly duplicate elements, Your task is to find indexes of first and last occurrences of an element `K` in the given array.

Input Format

The first line of input contains a single integer representing `N`.

The second line of input contains `N` space seperated integers.

The third line of input contains `K`.

Output Format

Return the total number of triplet pairs such that they are all divisible by `K`.

Example 1

Input

```
9
1 3 5 5 5 5 28 37 42
5
```

Output:

```
2 5
```

Explanation:

First Occurrence of 5 is at 2nd index and Last Occurrence of 5 is at 5th index.

Example 2

Input

```
6
5 7 7 8 8 10
6
```

Output:

```
-1 -1
```

Explanation:

As we dont have any occurrence of 6 in the array thefore the range is -1 and -1.

Constraints

1 <= N <= 10^6

1 <= arr[i] <= 10^6

My code

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

```java
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();
            int target=s.nextInt();
        int lp=-1,rp=-1;
       for(int i=0;i<n;i++)
            if(arr[i]==target)
            {
                if(lp==-1)
                        lp=i;
                rp=i;
            }
          System.out.print(lp+" ");
          System.out.print(rp+" ");
    }
}
```