- **EASY**
- **Max Score: 30 Points**
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Find First And Last

Given an array with possibly duplicate elements, find the first and last occurrences of a specified element.

Input Format

The first line contains an integer N denoting the number of elements.

The second line contains N space separated integers denoting the elements of the array.

The third line contains x, the element whose first and last occurrences are to be found.

Output Format

Print two integers denoting the first and last occurrence of the element. If it does not occur in the array, print -1 -1.

Example 1

Input

```
5
1 2 2 2 3
2
```

Output

```
1 3
```

Example 2

Input

```
2
5 2
3
```

Output

```
-1 -1
```

Constraints

1 <= N <= 3000

0 <= A[i] <= 5000

1 <= x <= 5000

- **Loops**

My code

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

public class Main
{
    public static void main (String[] args) throws java.lang.Exception
```

```java
{
        //your code here
     Scanner s=new Scanner(System.in);
   int n=s.nextInt();
   int f=0;
   int arr[]=new int[n];
   for(int i=0;i<n;i++)
     arr[i]=s.nextInt();
   int k=s.nextInt();
    for(int i=0;i<n;i++)
      {
        if(arr[i]==k) {System.out.print(i+" ");f=1;break;}
      }
   if(f==0)System.out.print("-1 ");
      for(int i=0;i<n;i++)
       {
         if(arr[n-1-i]==k) {System.out.print(n-1-i);f=2;break;}
       }
    if(f==0)System.out.print("-1");//f=1 per vi it ok
  }
}
```