**Elements in the Range**

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An array containing positive elements is given. ‘A’ and ‘B’ are two numbers defining a range. Write a function to check if the array contains all elements in the given range.

**Input:**  
The first line of input contains an integer T denoting the number of test cases. Each test case contains space separated integers n, A and B which denotes the number of elements in the array a[] and the range [A, B]. Next line contains space separated n elements in the array a[].  
  
**Output:**  
Print "Yes" if all the elements in the range are present else print "No".  
  
**Constraints:**  
1<=T<=100  
1<=n<=1000  
1<= A < B<=1000  
1<=a[i]<=1000​  
  
**Example:  
Input:**  
1  
7 2 5  
1 4 5 2 7 8 3  
  
**Output:**  
Yes

\*\*For More Examples Use Expected Output\*\*

<http://practice.geeksforgeeks.org/problems/elements-in-the-range/0>

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package javaapplication250;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

import java.math.BigInteger;

import java.util.Arrays;

import java.util.HashMap;

import java.util.HashSet;

import java.util.LinkedHashSet;

/\*\*

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public class JavaApplication250 {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) throws IOException {

// TODO code application logic here

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

int t = Integer.parseInt(br.readLine());

while(t-- > 0) {

String[] input\_1 = br.readLine().trim().split(" ");

int n = Integer.parseInt(input\_1[0]);

int a = Integer.parseInt(input\_1[1]);

int b = Integer.parseInt(input\_1[2]);

String[] input\_2 = br.readLine().trim().split(" ");

int[] arr = new int[n];

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

arr[i] = Integer.parseInt(input\_2[i]);

}

int[] cont = new int[1001];

for(int i =0; i<arr.length; i++) {

cont[arr[i]]++;

}

String ans ="Yes";

for(int i =a; i<=b; i++) {

if(cont[i]==0 ) {

ans ="No";

break;

}

}

System.out.println(ans);

}

}

}