import java.util.\*;

import java.lang.\*;

import java.io.\*;

class Codechef

{

public static void main (String[] args) throws java.lang.Exception

{

Scanner scn = new Scanner(System.in);

System.out.println("enter the size of array");

int n = scn.nextInt();

int[] a= new int[n];

for(int l=0;l<n;l++)

{

a[l]=scn.nextInt();

}

System.out.println("enter the value to search");

int r = scn.nextInt();

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

{

if(a[i]==r)

{

System.out.println("yes");

return;

}

} System.out.println("no");

}