/\*Java Program to delete an element from an Array\*/

import java.util.Arrays;

import java.util.Scanner;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

int n; //Array Size Declaration

System.out.println("Enter the number of elements :");

n=sc.nextInt(); //Array Size Initialization

Integer arr[]=new Integer[n]; //Array Declaration

System.out.println("Enter the elements of the array :");

for(int i=0;i<n;i++) //Array Initialization

{

arr[i]=sc.nextInt();

}

System.out.println("Enter the element you want to remove ");

int elem = sc.nextInt();

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

{

if(arr[i] == elem) //If element found

{

// shifting elements

for(int j = i; j < arr.length - 1; j++)

{

arr[j] = arr[j+1];

}

break;

}

}

System.out.println("Elements after deletion " );

for(int i = 0; i < arr.length-1; i++)

{

System.out.print(arr[i]+ " ");

}

}

}