import java.util.\*;

class add

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

int n,i,s,flag=0;

int a[]=new int[15];

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

n=sc.nextInt();

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

{

System.out.println("enter the number");

a[i]=sc.nextInt();

}

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

{

System.out.println(a[i]);

}

System.out.println("Enter the number to be found");

s=sc.nextInt();

flag=linear(a,n,s);

if(flag==-1)

{

System.out.println("not found");

}

else

{

System.out.println("found");

}

}

static int linear(int a[],int n, int s)

{

int i;

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

{

if(s==a[i])

break;

return 1;

}

return 1;

}

}