: program to find it 2 array are similar

Algorithm

Step 1. Start

Step 2: read value for n.

Step 3: Enter the 1st array element.
for(i=0; i<n; i++)
read a[i]

Step 4: Enter the 2nd array element.
for(j=0; j<n; j++)
read b[j]

Step 5: for(i=0; i<n; i++)
{ for(j=0; j<n; j++)
{
if(a[i]==b[j])
k++
}
}

Step 6: if(k==n)
print similar
else
print not similar

Step 7: Stop.

# flow chart



**start**

read n

Enter I$^{st}$ array element

for
(i=0; i<n; i++) — false / true

read a[i]

Enter this 2nd array element

for
(j=0; j<n; j++) — false / true

read b[j]

for
i=0; i<n; i++ — false

for
(j=0; j<n; j++) — false

If
a[i]==b[j] — false / True

k++

If
k==n — false / True

Print array are similar

print not similar

**stop**