

Write a C program to count distinct elements in an array

→ Algorithm

Step 1 : start

Step 2 : Input n

Step 3 : Repeat for (i=0; i<n; i++)

input a[i]

output a[i]

end for

Step 4 : Repeat for (i=0; i<n; i++)

Repeat for (j=0; j<=i; j++)

if (a[i] == a[j])

break

if (i==j)

count = count + 1

end for

end for

Step 5 : output count

Step 6 : stop.

Flowchart :