

# 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++)~~

~~if~~

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

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

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

break

if (j == i)

count++

end for

end for

Step 5: Output count

Step 6: Stop

## Flowchart:

