

GANADI

HALLA CS033

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 ($j=0; j \leq i; j++$)
if ($a[i] == a[j]$)
break
if ($i == j$)
count = count + 1
end for
end for

step 5: Output count

step 6: stop

Flow chart

