

02/06/2020

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P Section

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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  $(j=0; j \leq i; j++)$

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

break

if  $(i=j)$

Count = Count ++

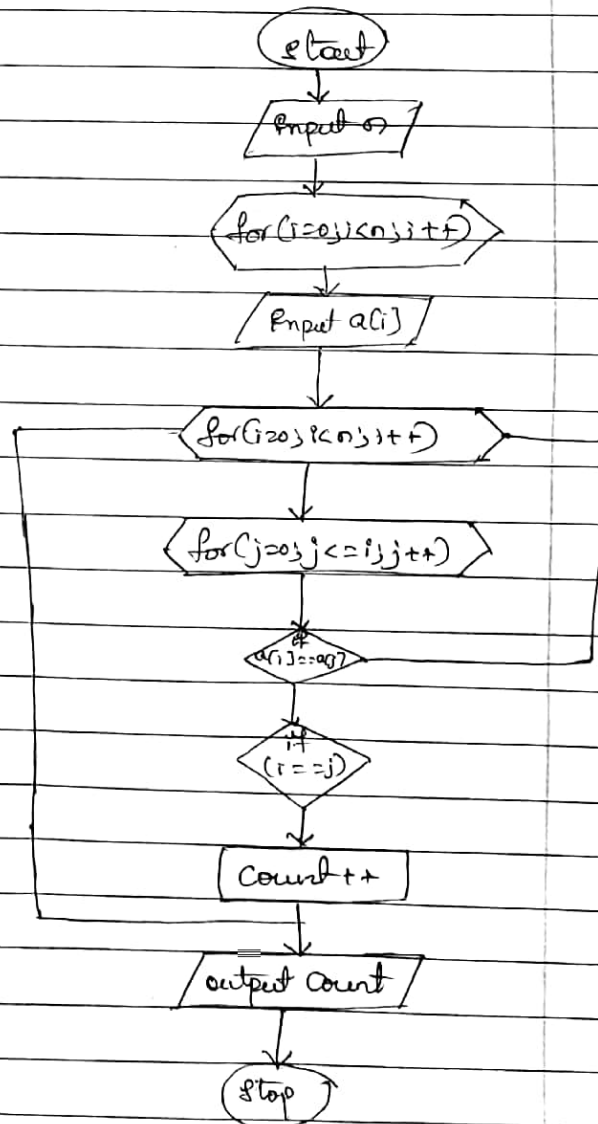
end for

end for

step 5: output Count

step 6: stop

Flowchart



Anuja

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