

C program to count distinct elements
in an array

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'G' section

Algorithm:

1. Start
2. Input n
3. Repeat step 3
 for ($i=0; i < n; i++$)
 input $a[i]$
4. Repeat through step 4
 4.1 for ($i=0; i < n; i++$)
 4.1 a) $p = a[i]$
 4.1 b) $flag = 0$
 4.1 c) Repeat through step 4.1 c)
 for ($j=0; j < n; j++$)
 {
 if ($j \neq i$)
 {
 $flag++$
 break }
 }
 4.1 d) { if ($flag \neq 0$)
 count++
 }
5. Print count
6. Stop.

Flowchart:

