C program to count distinct elements in an array

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Algorithm:

1. Start

2. Infut n

3 Repeat Step 3

for (i=0; i<n; i++) input @a[i]

A Refleat 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) Refeat through Step 4.1 c)

for (j=0; j<n; j++)

٤ if (f s = i)

E flag + +

bereak z

4.18) If (flag=20) count ++

5. Perint count

6. Stop.

Flowchart: False for i=0; i<n; i++

Torue

[Input a[i]] for i=0; icn; i++ Torne P=a[i] flag=0 False for j=0; j<n; j++ flag++ break False flag==0 True Count Print count / STOP