

C Program to count distinct elements in an array

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 ($j=0; j < m; j++$)

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

{ $flag++$

break }

}

4.1 d) if ($flag == 0$)
count++

5. Print count

6. Stop

Flowchart

