

Algorithm

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1. Start

2. Input n

3. Repeat through step 3

for ($i=0; i < n; i++$)

$x[i] = 0$

4. Repeat through step 4

for ($i=0; i < n; i++$)

input $a[i]$

5. Repeat through step 5

for ($i=0; i < n; i++$)

input $a[i]$

5.1 Repeat through step 5.1

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

5.1 a if ($j \neq i$ & $a[i] == a[j]$)

5.1 a i) flag = 0

5.1 a ii) Repeat through step 5.1 a ii)

for ($k=0; k < n; k++$)

if ($x[k] == a[i]$)

flag++

5.1 a iii) if (flag == 0)

$x[k] = a[i];$

$x++$

6. Repeat through step 6

for ($i=0; i < x; i++$)

Print $x[i]$

7. Stop.

flowchart:



