

Algorithm

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 ($i=0; i < n; i++$)
 - 5.1 Repeat through step 5.1
for ($j=0; j < n; j++$)
 - 5.1a if ($j \neq i$ & $a[i] == a[j]$)
 - 5.1a i) flag = 0
 - 5.1a ii) Repeat through step 5.1a ii)
for ($k=0; k < n; k++$)
 if ($x[k] == a[i]$)
 flag ++
 - 5.1a iii) if (flag == 0)
 $x[k] = a[i];$
 $k++$
6. Repeat through step 6
for ($i=0; i < n; i++$)
 print $x[i]$

