

C Program to find repeated elements in array.

### Algorithm

1) Start

2) Input n.

3. Repeat through Step 3.

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

$arr[i] = 0$

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

5.1.a. i) flag = 0

5.1 a. ii) Repeat through Step 5.1 a ii)

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

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

flag++

5.1 a iii) if (flag == 0)

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

$inc++$

6. Repeat through Step 6.

for ( $i=0$ ;  $i < inc$ ;  $i++$ ),  
print  $arr[i]$

## Flowchart :



