Odd and Even Separation in Array

Start

i=0, ec=0, oc=0
Declare array arr, even, odd

input ← limit

Read Array

is
i < limit
? **F**

T

Input ← input elements of array
one by one

i ← i+1

Display Array

i ← 0

is
i < limit
? **F**

T

Display← Elements of array
one by one

i ← i+1

i ← 0

is
i < limit
? **F**

T

**Separation
of Odd,
Even Array**

is
arr[i]%2==0
? **F**

T

even[ec] = arr[i]
ec ← ec+1

odd[oc] = arr[i]
oc ← oc+1

i ← i+1

**Display Even
Elements**

i ← 0

is
i < Even
length
? **F**

T

Display← Element of Even array
one by one

i ← i+1

**Display Odd
Elements**

i ← 0

is
i < Odd
length
? **F**

T

Display← Element of Odd array
one by one

i ← i+1

Stop