
Algorithm 3.1.7 find the last even list entry

```
1: procedure LAST EVEN( $a_1, a_2, \dots, a_n$ : list of integers)
2:    $index \leftarrow 0$ 
3:   for  $i = 1$  to  $n$  do
4:     if not  $a_i \pmod{2}$  then
5:        $index \leftarrow i$ 
6:     end if
7:   end for
8:   return  $index$  ▷ returns 0 if every integer is odd
9: end procedure
```
