

HOMEWORK 4

1. Input: array ^{'numbers'} of N numbers
output: array with all negative numbers removed,
all remaining numbers maintain relative
order and all null elements at the end

$i = 0$, count = 0

for ($j = 0$, $j < N$, $j++$)

if \uparrow numbers $[j] < 0$ ~~and numbers $[j]$ not null~~

numbers $[i] = \text{numbers}[j]$

numbers $[j]$
is not null and $i++$

end if

else count++

end else

end for

for ($k = N - \text{count}$, $k < N$, $k++$)

numbers $[k] = \text{null}$

end for