

input k and
 $\langle l_0, \dots, l_{k-1} \rangle$

set m to l_0
set i to 1

i equals k ?

NO

is $l_i > m$?

YES

set m to l_i

increment i

output m

YES

NO

input k and
 $\langle l_0, \dots, l_{k-1} \rangle$



max



output max

input k and
 $\langle l_0, \dots, l_{k-1} \rangle$

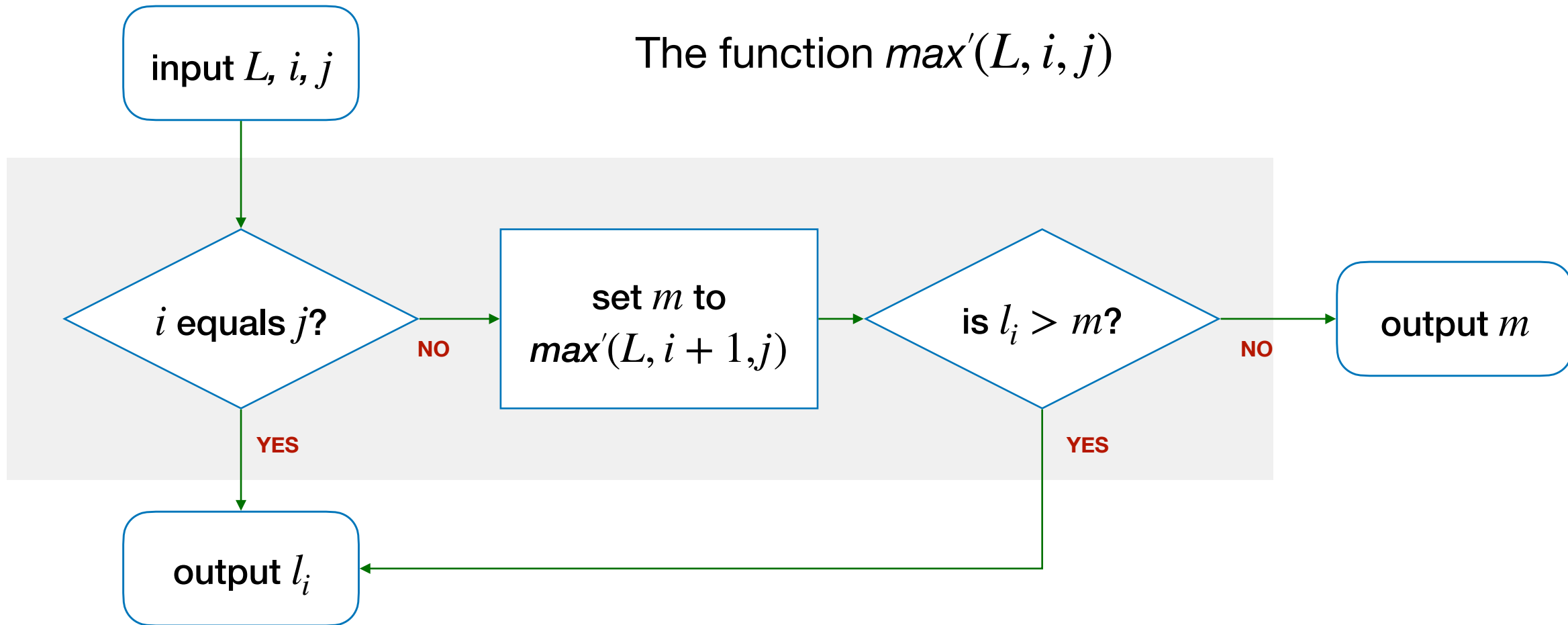


min

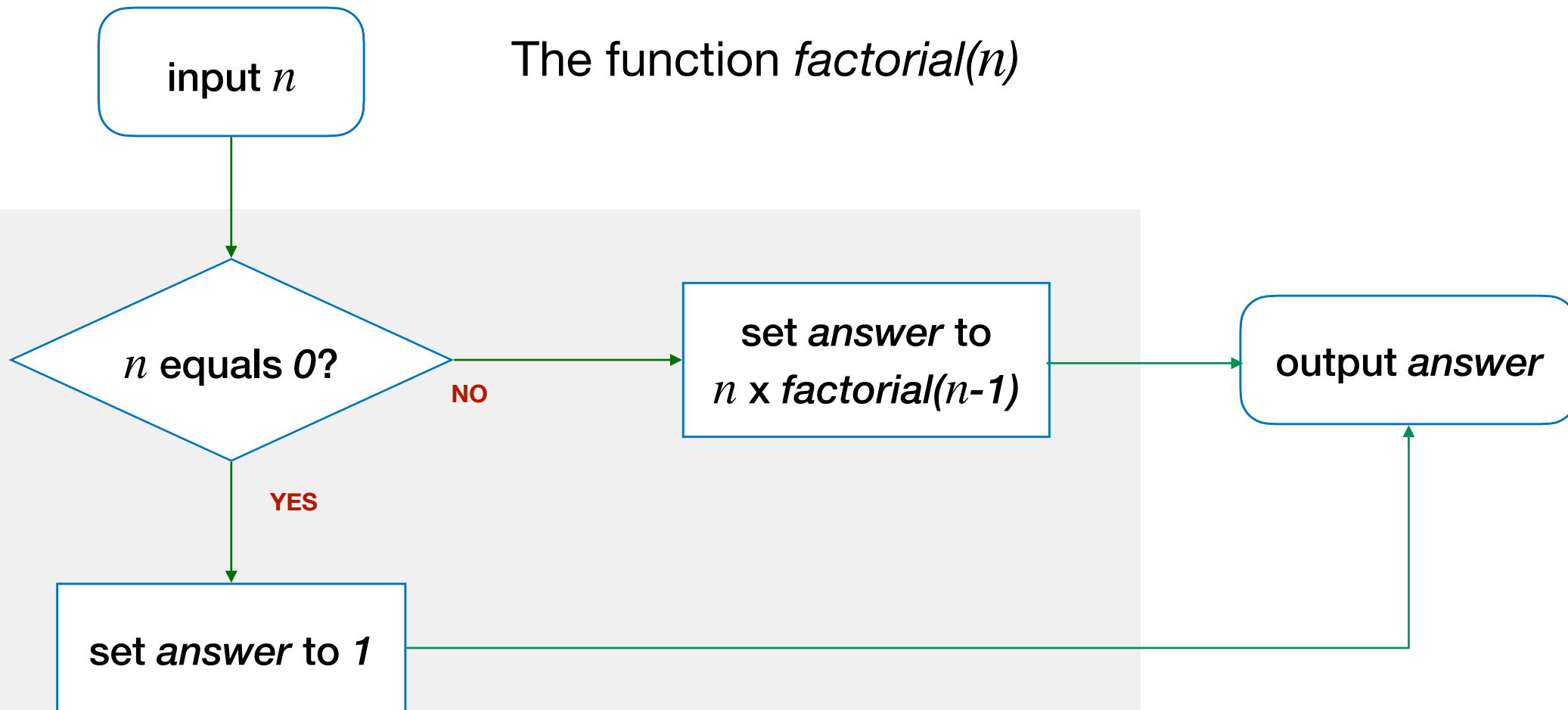


output min

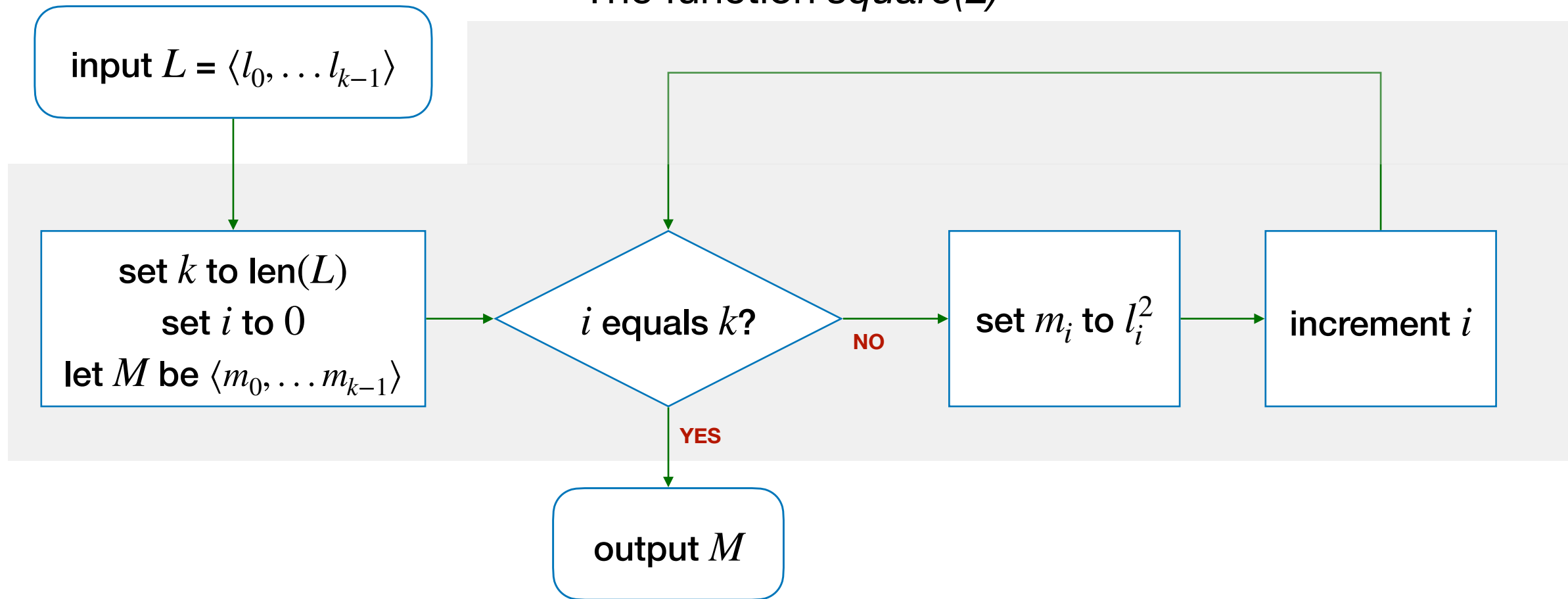
The function $\text{max}'(L, i, j)$

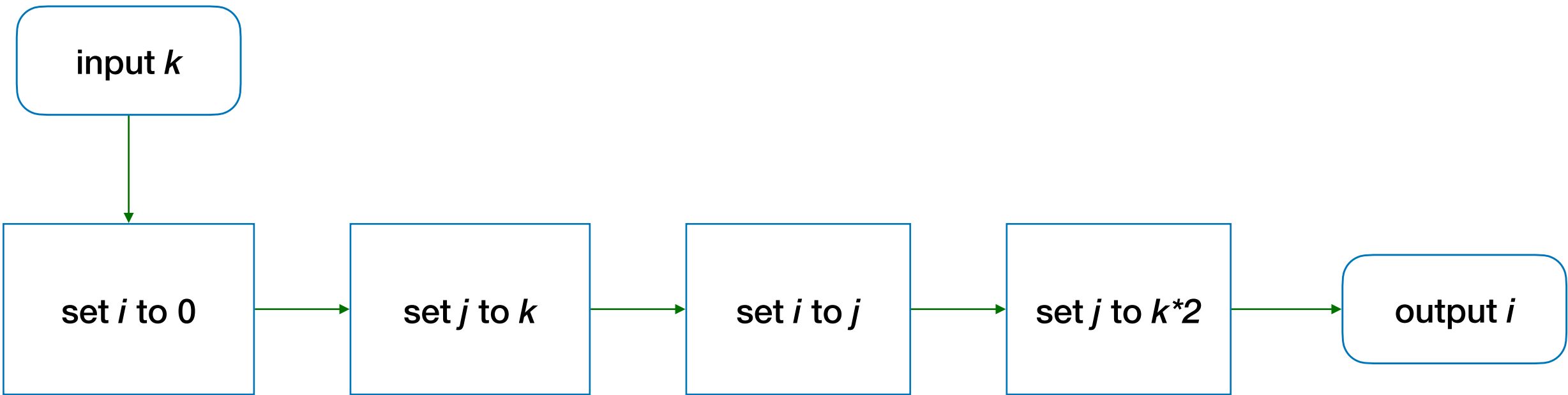


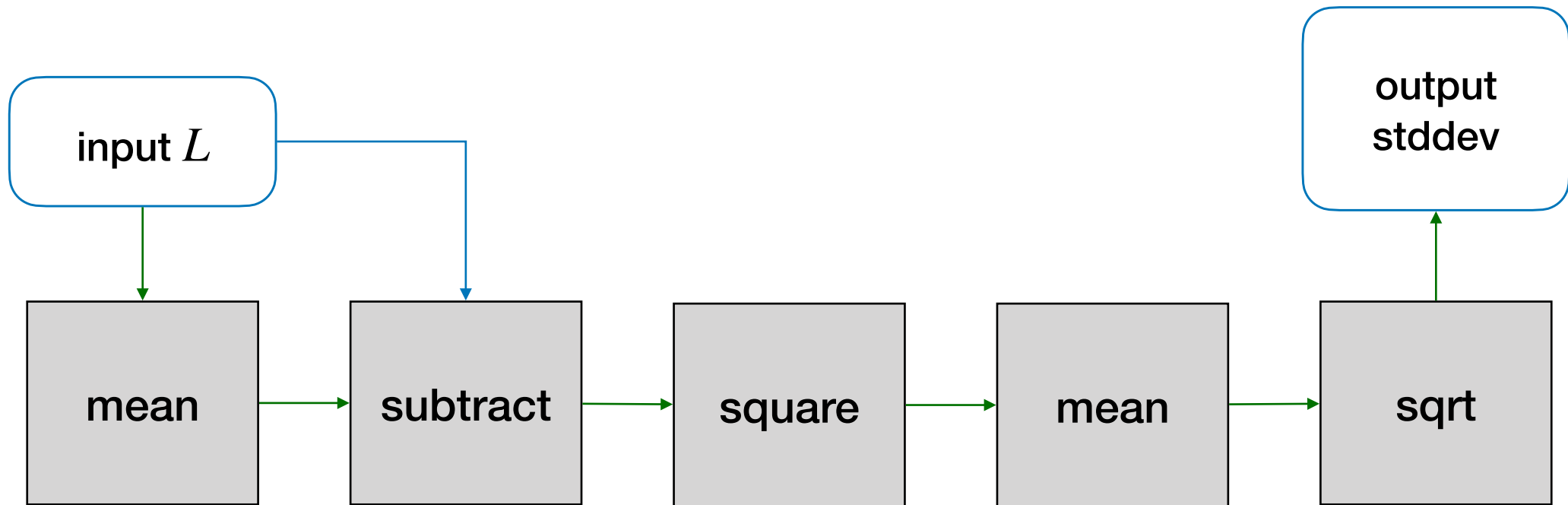
The function $factorial(n)$

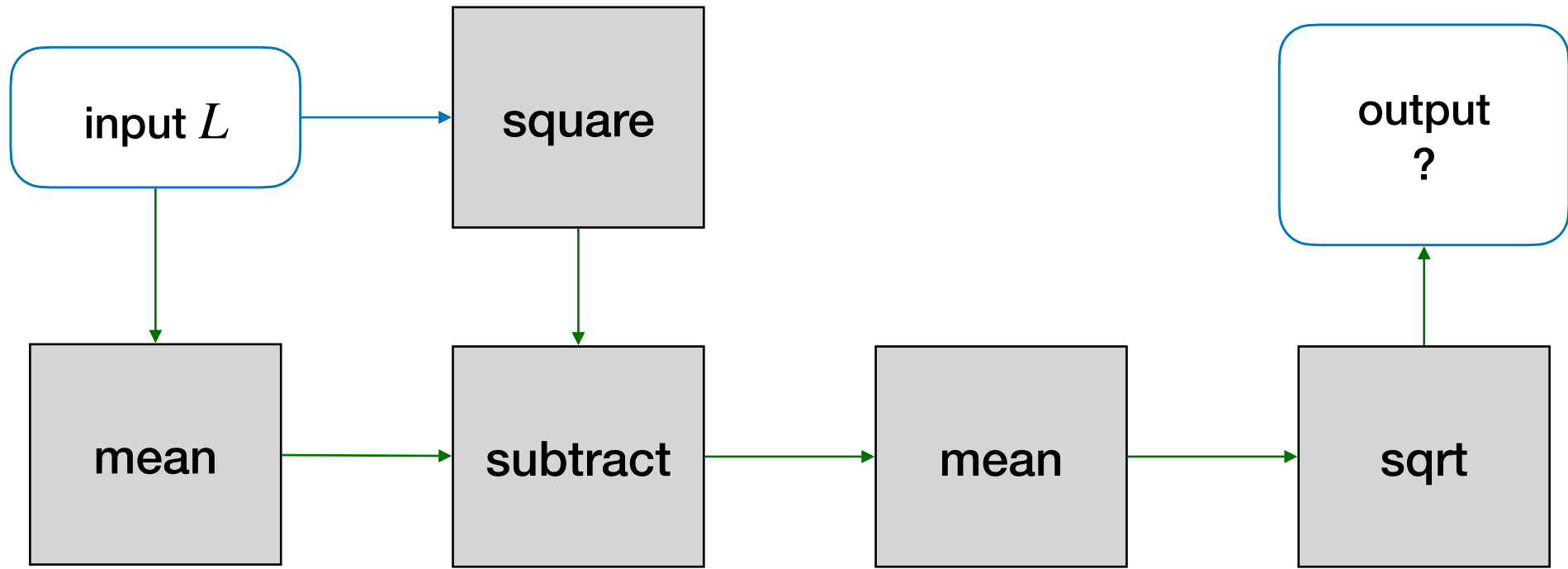


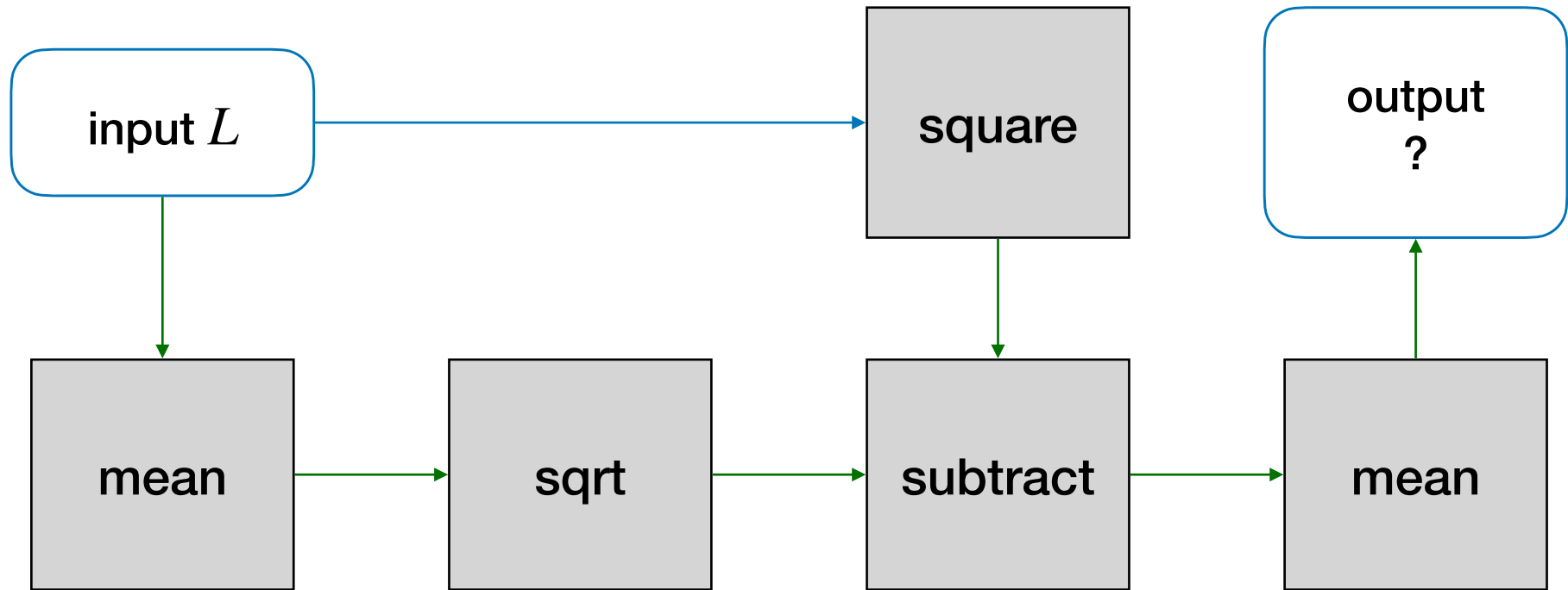
The function $\text{square}(L)$











The function $\text{max}'(L, i, j)$

