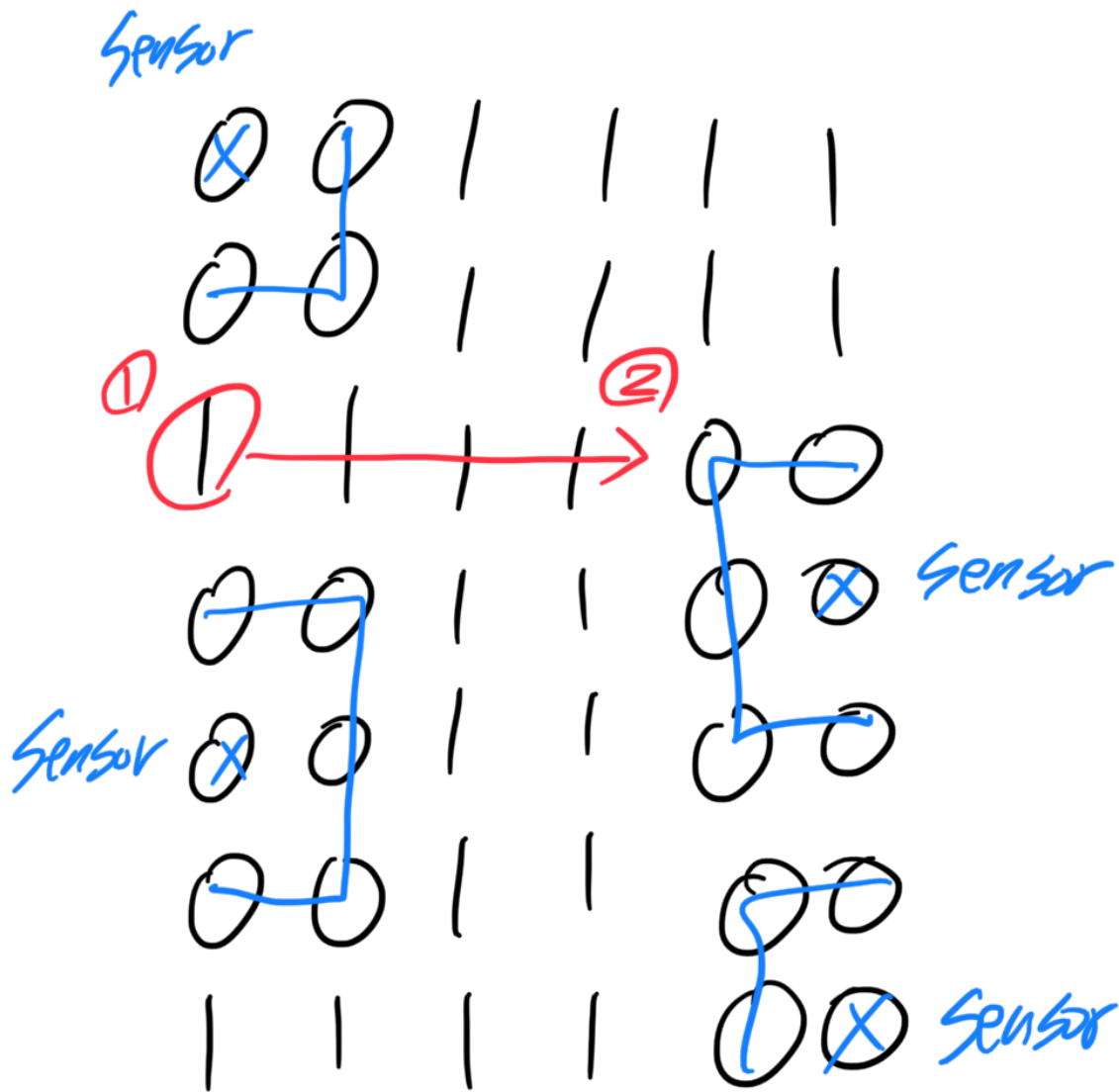
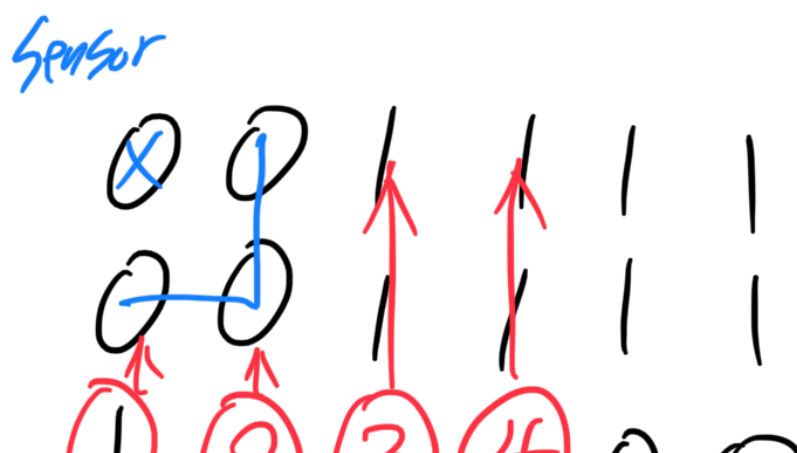


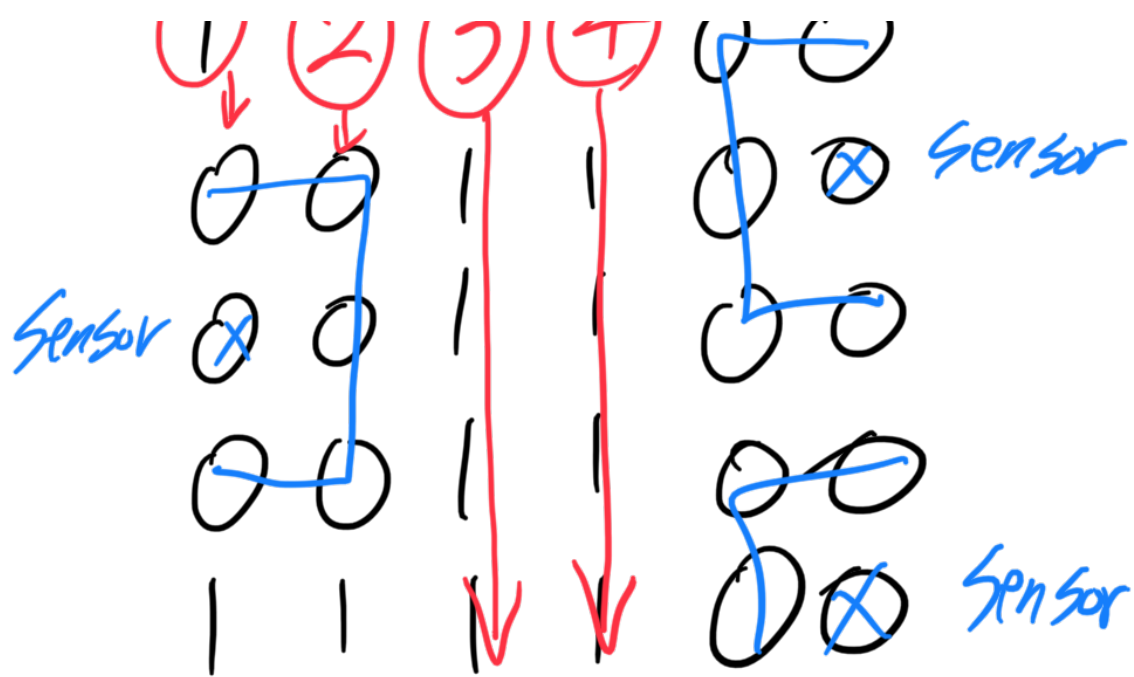
<Example>



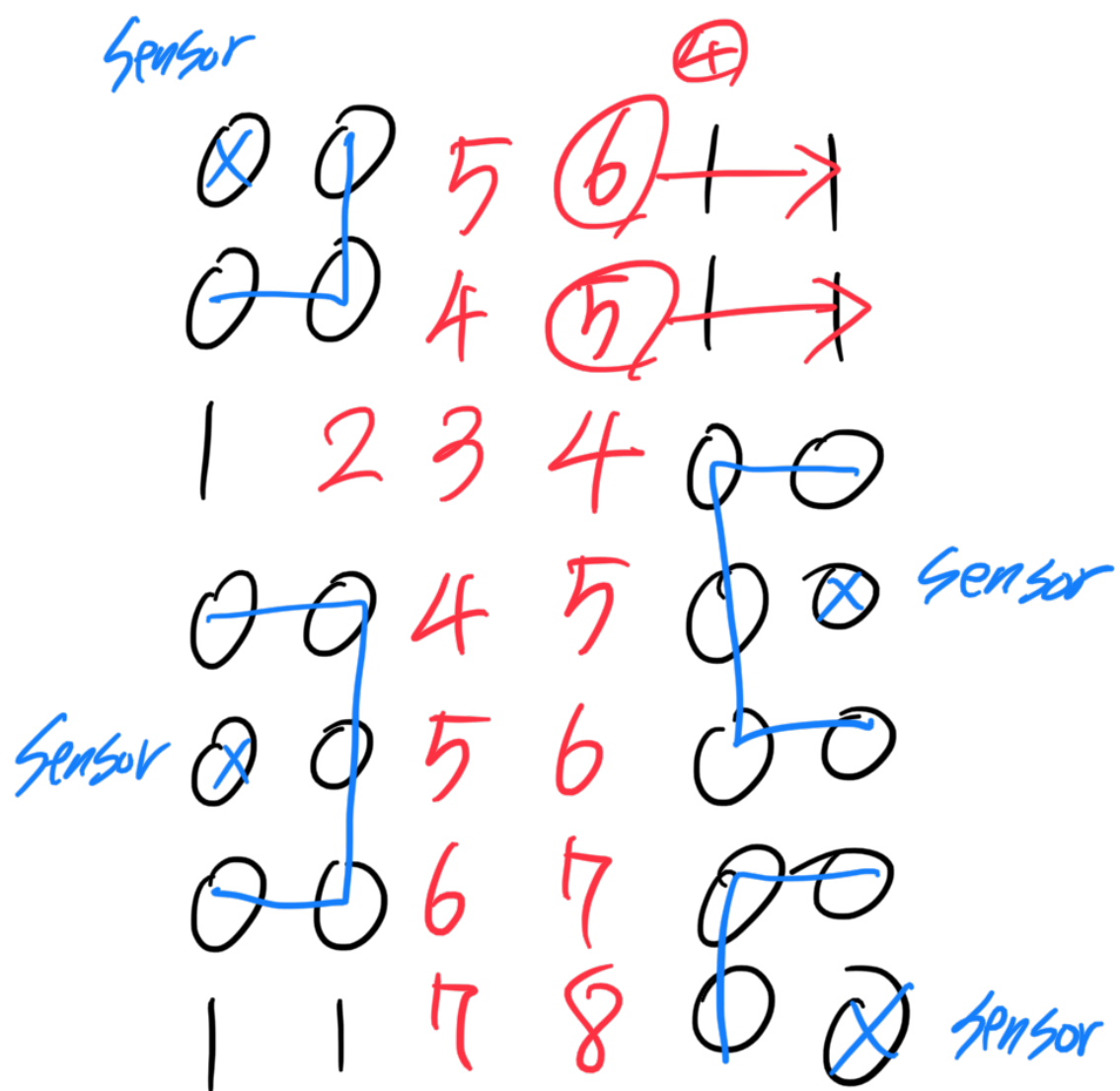
① choose arbitrary i' , which is in left-end.

② Accumulate until you meet $\bar{0}'$. (direction = only right)





③ Accumulate up and down,
Until you meet 0.

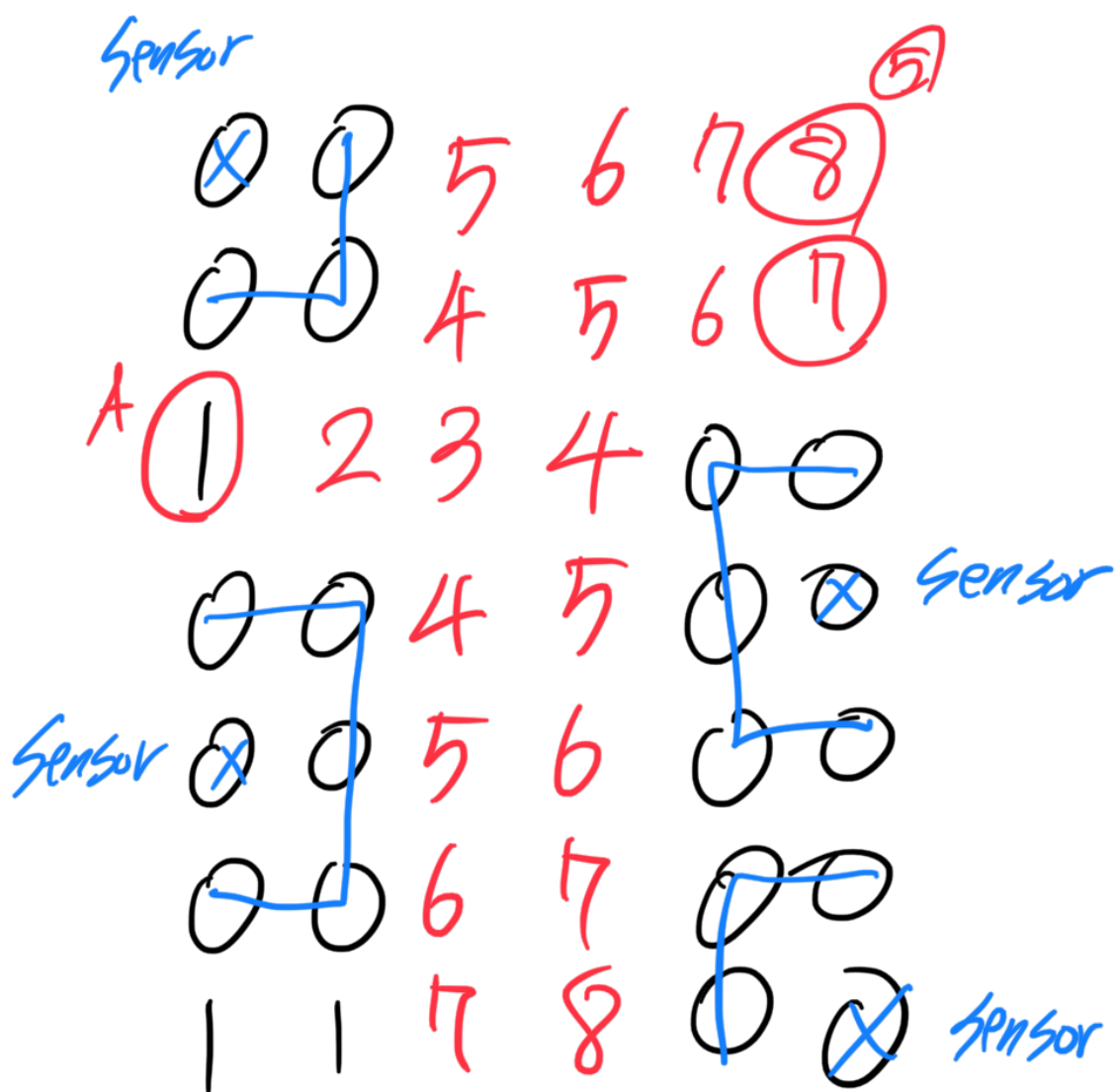


Here is where <while>
statement is working!
(until you meet 0)

(which is in $L^{\log n}$)

④ If there is a n_i
 $(n_i \neq 0, 1)$ which has
'i' in (right
top
bottom) \rightarrow loop!

accumulate them in that direction.



⑤ Right - end number is

a distance from A.

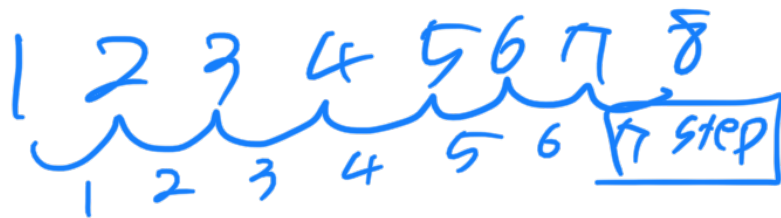
In here, one is 8,

and the other is 7.

⑥ From ① to 2 means

1 step, so we need

to subtract 1 from 8 and 7.



⑦ Finally one is 7 and

the other is 6, so the

shortest path is 6.

⑧ go to ① and choose

another 1, which is in

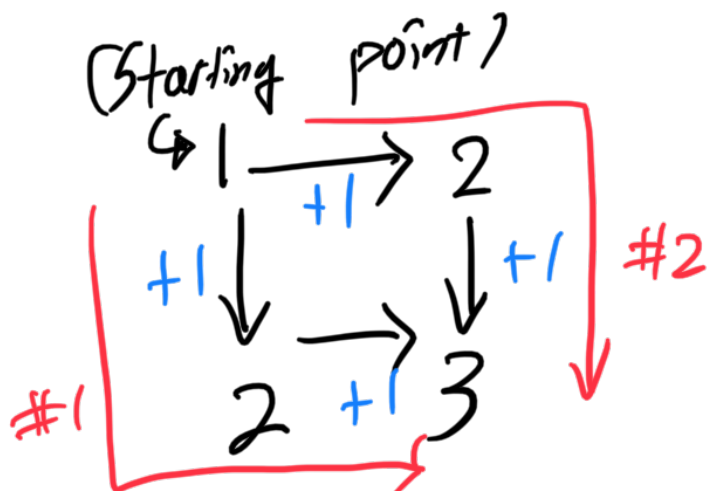
left-end and repeat

①~⑧.

Q. What is

Accumulating?

1. Accumulate ∇ :



<Fig 1>

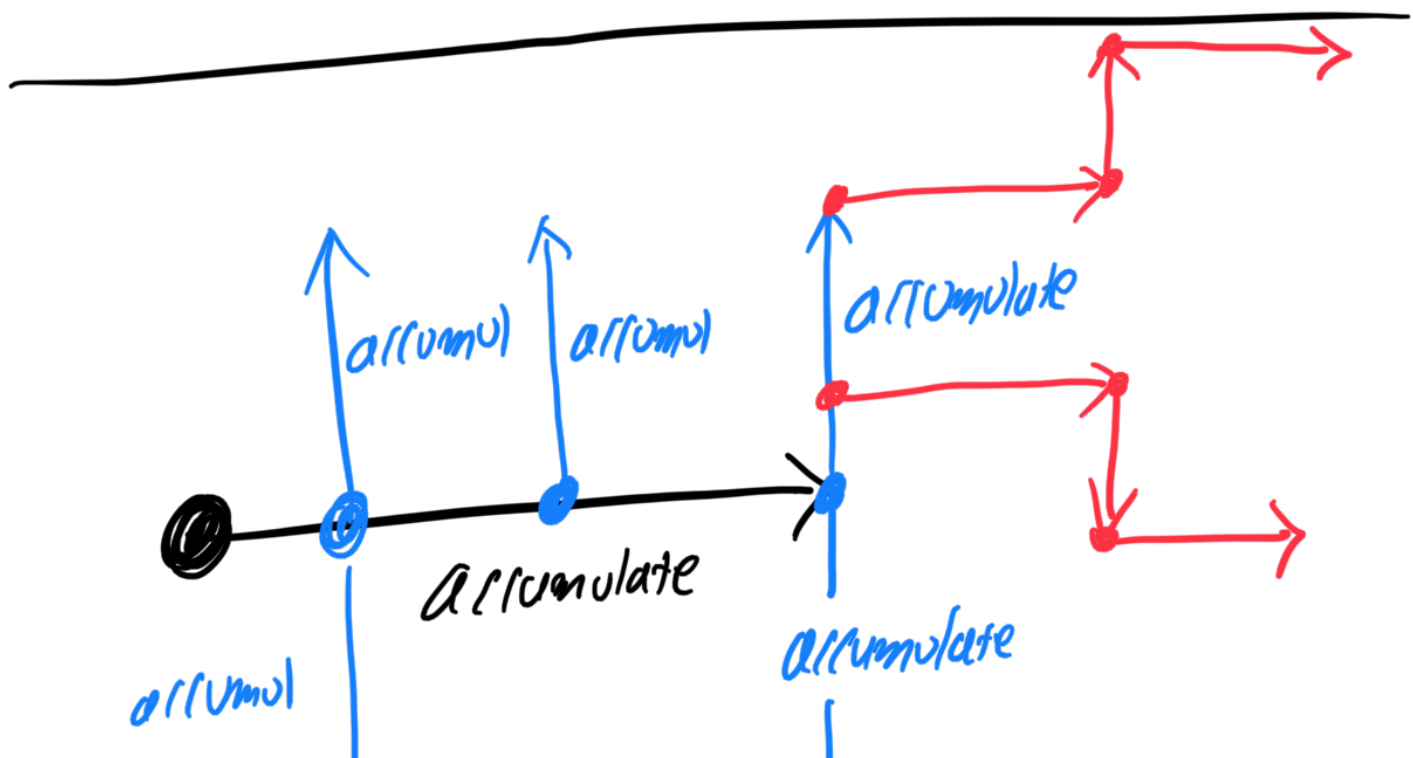
If you go one step in certain direction, that means you can add '1' from previous one.

In <Fig 1>, we can find two paths in which distance is $(3-1)=2$.

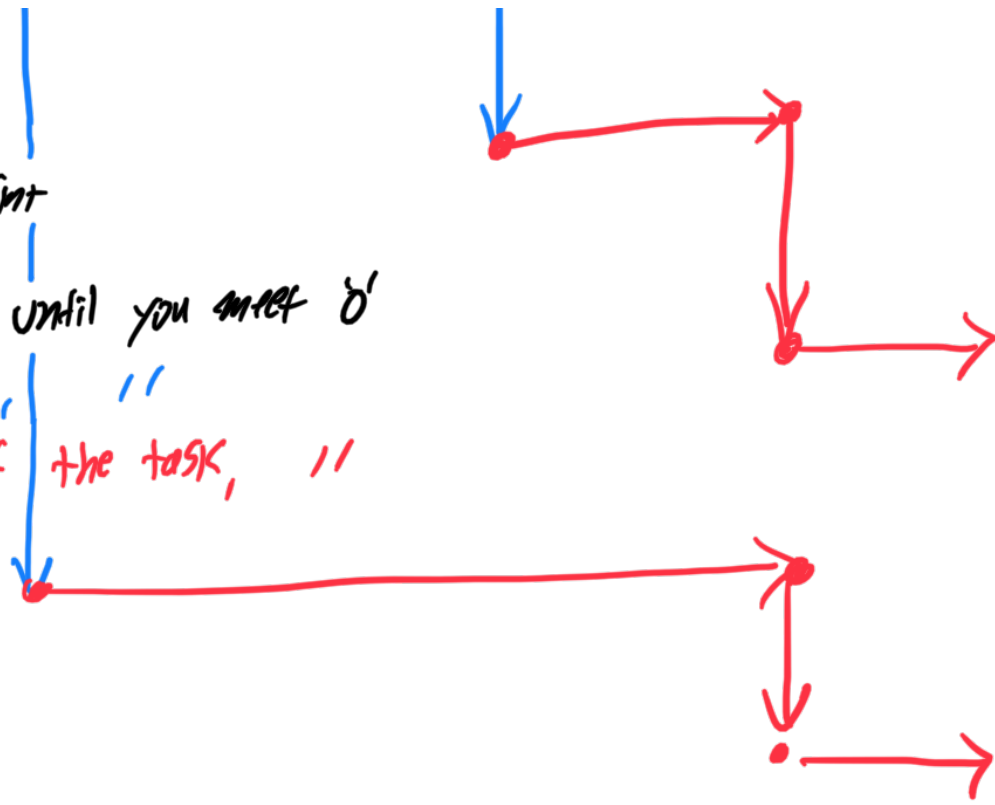


This is what I meant

Accumulating



- : starting point
- : first task, until you meet 0'
- : second task, "
- : the rest of the task, "



< Diagram of
any method >