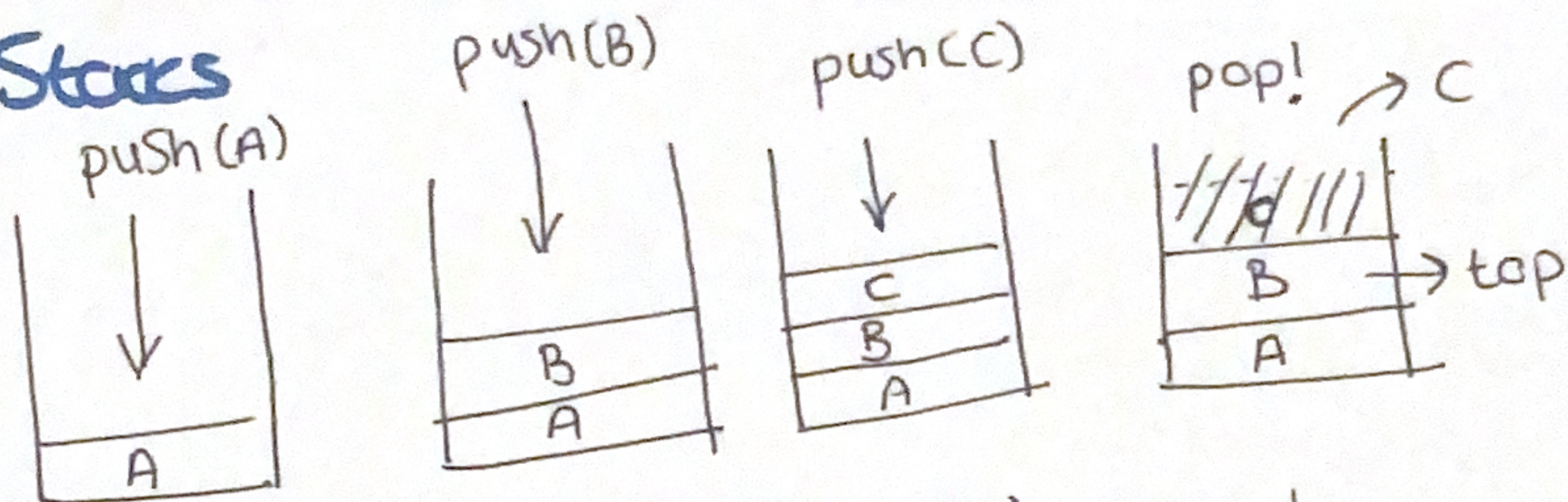
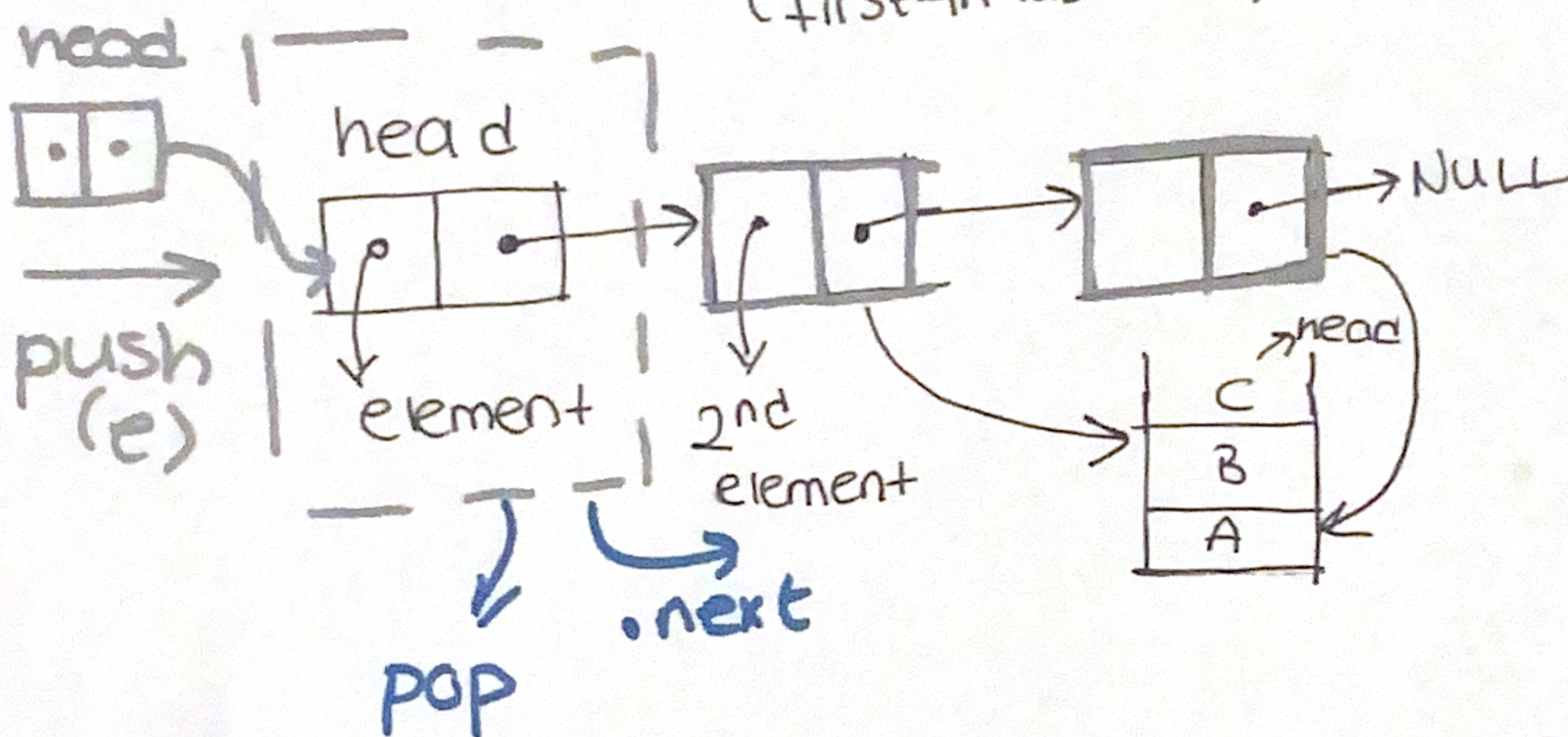


## Stacks



(first-in last-out) → removal



All operations (push, pop, is-empty, top) runs in  $O(1)$  time.

## Queues

first in first out → if we want to remove element in the middle

