

implementing queue using 2 stacks

- have two stacks - inbox and outbox
- to enqueue, push element onto inbox stack
- to dequeue
 - check if outbox empty
 - if empty, pop element from inbox and push them onto outbox
 - when outbox contains elements (either initially, or after getting elements from inbox), pop element from outbox

Example:

- enqueue A, B, C

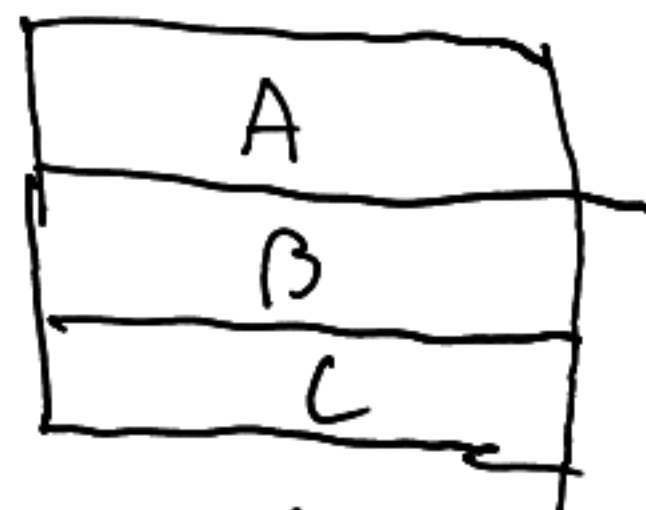


(empty)
outbox

- dequeue

①

inbox



outbox



②

inbox



outbox