1 Peterson's Algorithm

2 Peterson's Algorithm: Fairness

3 Linearizability and Sequentially Consistency

3.1 Stack

A: s.push(10) B: s.pop() A: s:void A: s.push(20) B: s:10 quential consist finish before an Furthermore the before the pop(linearizable and therefore as well setent because C's s.empty() call can be value is pushed towards the stack. The s.push(10) operation must happen () command and before the push(20) because s.pop() will return 10. Therefore the phystory.	C: s.empty() C: s:true A: s.push(10) A: s:void B: s.pop() B: s:10 A: s.push(20) A: s:void
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3.2 Queue

A: q.enq(x)
B: q.enq(y)
A: q:void
B: q:void
A: q.deq()
C: q.deq()
A: q:y
C: q:y