(a)
```
# s starts as a stack of size n
s.push(1)
s.pop()
```
stack is bigger now, by one item

Stack1

push: 1 step
pop: 1 step

(1) + (1) = 2 steps

Stack2

push: n+1 steps
pop: n+1 steps.

(n+1) + (n+2) steps

= 2n+3 steps