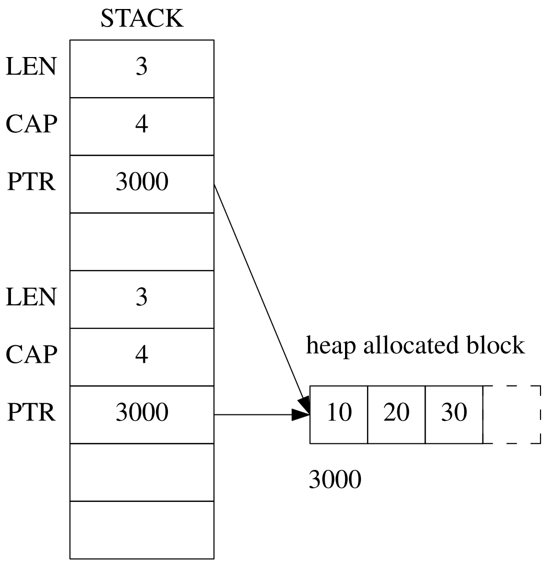

STACK
LEN
3
CAP
4
PTR
3000
LEN
3
CAP
4
PTR
3000
heap allocated block
10
20
30
3000