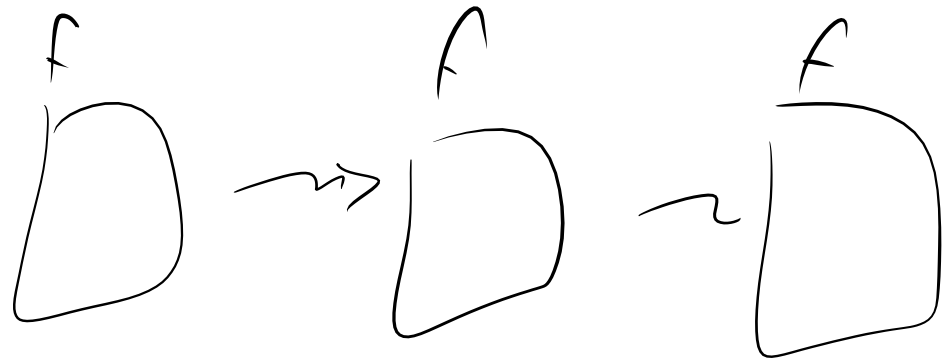






$f(x)$:
 $u = x * 2$
if $x \leq 0$: return 3
else: return $f(x-1) + u$

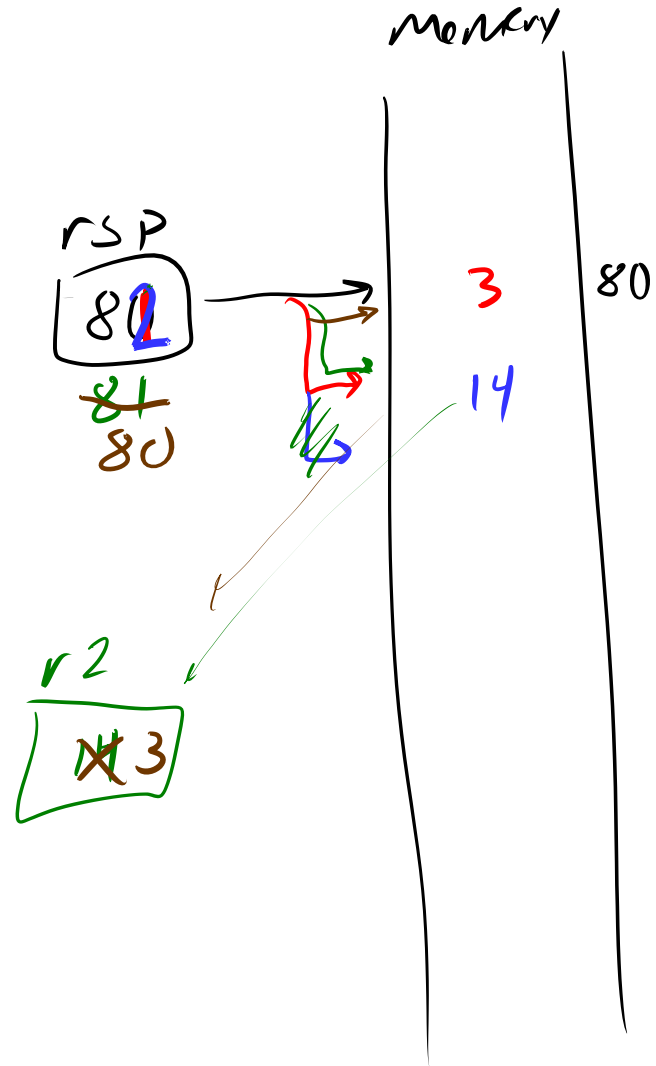


Stack

Push x
 $M[rsp] = x$
 $rsp += 1$



Pop x
 $rsp -= 1$
 $x = M[rsp]$



Push 3

Push 14

Pop r2

POP r2

push(3)

push(17)

x = pop()

push(-11)

push(-12)

push(3)

y = pop()

z = pop()

x 17

y 3

z -12

x > y

push x

push y

push(pop + pop)