[1] 2

[2] 2

[3] 1

[4] 2

[5] 1

[6] x

[7] t

[8] 0
n0 ++

[9] 2
n0 == 0 ?
then
    start moving the stack back
else
    continue

[10] 0
n0 ++

[11] n0

[12] s0

[13] s1

[14] n1

[15] y

[16] 1
n0 --

[17] 0
n1 ++

[18] 0
s0 -> s1

[19] 2
top s1 == x ?
then
    y = n1
    print y
    start moving the stack back
else
    go up

[20] 1
n1 --

[21] 1
s1 -> s0

[22] 2
n1 == 0 ?
then
    t <- x
    y <- x
    s0 <- t
    back to start
else
    continue

[23] 1

[24] 0

[25] 50
last term

[26] 0

[27] 1

[28] 1