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```
[17] 0
[1] 2
                                                                      [27] 1
                                   n1 ++
[2] 2
                                                                      [28] 1
                                   [18] 0
[3] 1
                                   s0 -> s1
[4] 2
                                   [19] 2
                                   top s1 == x?
[5] 1
                                   then
                                     y = n1
[6] x
                                      print y
                                      start moving the stack back
[7] t
                                   else
                                      go up
[8] 0
n0 ++
                                   [20] 1
                                   n1 --
[9] 2
n0 == 0 ?
                                   [21] 1
then
                                   s1 -> s0
  start moving the stack back
else
                                   [22] 2
  continue
                                   n1 == 0 ?
                                   then
[10] 0
                                     t <- x
n0 ++
                                     y <- x
                                      s0 <- t
[11] n0
                                      back to start
                                   else
[12] s0
                                      continue
[13] s1
                                   [23] 1
[14] n1
                                   [24] 0
[15] y
                                   [25] 50
                                   last term
[16] 1
n0 --
                                   [26] 0
```