Entry

X

$\{ a := \phi \; [0, \text{Entry}] \; [a', Z]$
$i := \phi \; [0, \text{Entry}] \; [i', Z] \}$
if [not $(a < N)$] **goto** Exit
$a' := a + 2$

Y

$c := i + 3$

Z

$i' := a' + c$

Exit

Exit condition is true in $(k+1)^{st}$ iteration ($k >= 0$)