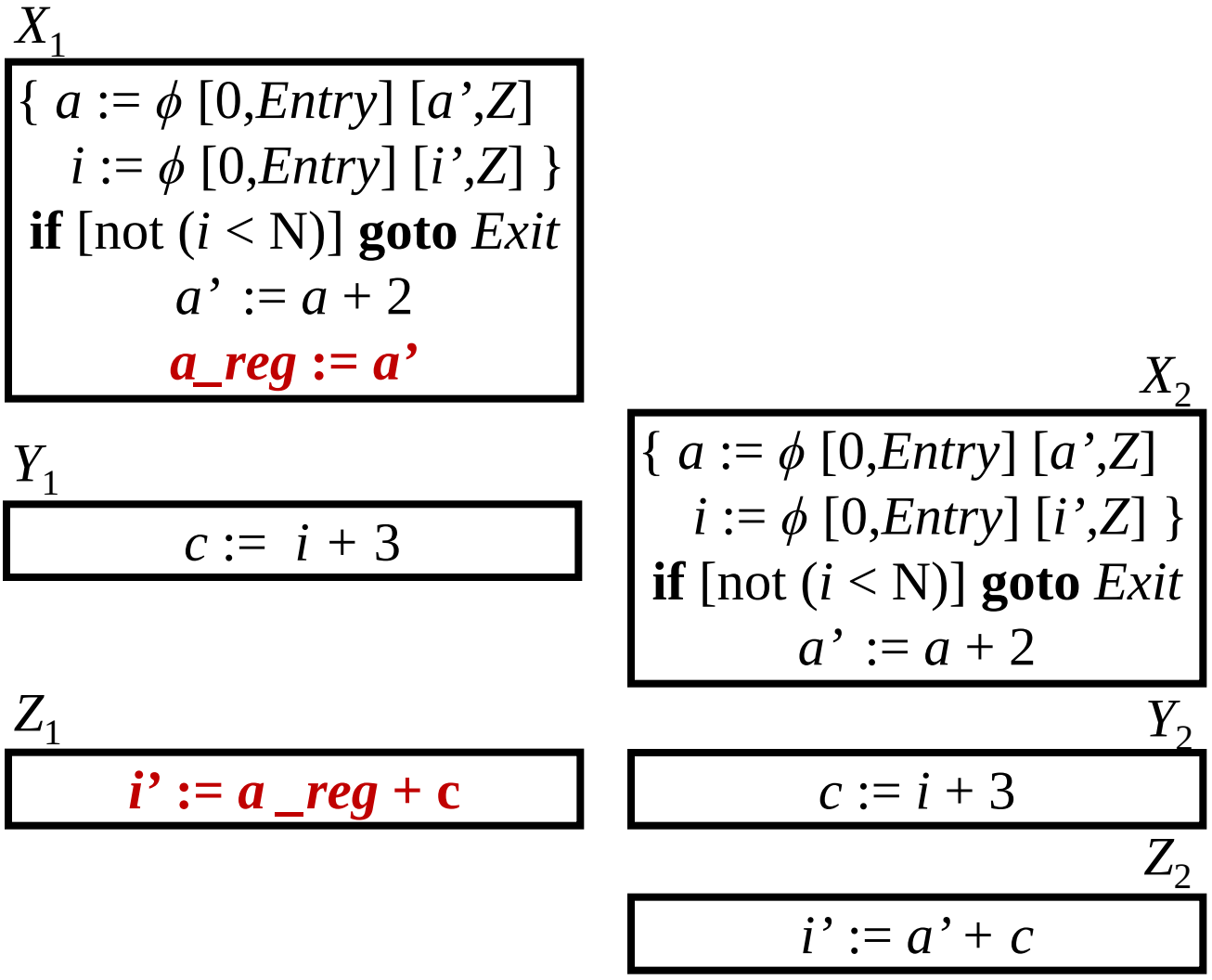
X_1
{ $a := \phi$ [0,*Entry*] [*a'*,*Z*]
$i := \phi$ [0,*Entry*] [*i'*,*Z*] }
if [not (i < N)] **goto** *Exit*
$a' := a + 2$
a_reg := a'
Y_1
$c := i + 3$
Z_1
i' := a _reg + c
X_2
{ $a := \phi$ [0,*Entry*] [*a'*,*Z*]
$i := \phi$ [0,*Entry*] [*i'*,*Z*] }
if [not (i < N)] **goto** *Exit*
$a' := a + 2$
Y_2
$c := i + 3$
Z_2
$i' := a' + c$