

$a = 0$

$x := x + 1$

$x = 1$

$x := x + 1$

label:10

s_0

s_1

$a = 0$

$a = 1$

$a = 0$

$a = 3$

$a = 0$

$a = 1$

$a = 3$

$a = 2$

$a = 2$

$a = 1$

label:5

s_3

s_2

label:20

$a = 2$

$a = 3$

$a = 3$

$x := x + 1$

$a = 2$

$x := x + 1$

