

Entry



$i = 0$
 ~~$r = 0$~~
 $b = i + 3$
 $i' = i + 1$
if [not ($i < 3$)] GoTo Exit
 $b' = b$



Y

$r = 0$
 $c = b' + r$



$r' = b' + c$

Z



$i = i'$
 ~~$r = r'$~~
 $b = i + 3$
 $i' = i + 1$
if [not ($i < 3$)] GoTo Exit
 $b' = b$



Y

$r = r'$
 $c = b' + r$



$r' = b' + c$

Z



$i = i'$
 ~~$r = r'$~~
 $b = i + 3$
 $i' = i + 1$
if [not ($i < 3$)] GoTo Exit
 $b' = b$



Y

$r = r'$
 $c = b' + r$



Z

$r' = b' + c$
GoTo X