Entry

i = phi[0, Entry] [i', Z]
r = phi[0, Entry] [r', Z]
b = i + 3
i' = i + 1
if [not (i < 3)] GoTo Exit
b' = b

Y

c = b' + r

r' = b' + c

Z

i = phi[0, Entry] [i', Z]
r = phi[0, Entry] [r', Z]
b = i + 3
i' = i + 1
if [not (i < 3)] GoTo Exit
b' = b

Y

c = b' + r

r' = b' + c

Z

i = phi[0, Entry] [i', Z]
r = phi[0, Entry] [r', Z]
b = i + 3
i' = i + 1
if [not (i < 3)] GoTo Exit
b' = b

Y

c = b' + r

Z

r' = b' + c
GoTo X