Entry

X
i' = phi [i,Z] [0,Entry]
r' = phi[r, Z] [0, Entry]
q = (i' == 3)
i = i' + 1
b = i + 3
if (q == 0) Goto Exit
                    else Goto Y

Y
c = b + r'
GpTo Z

Z
e = b + c
GoTo X

Exit