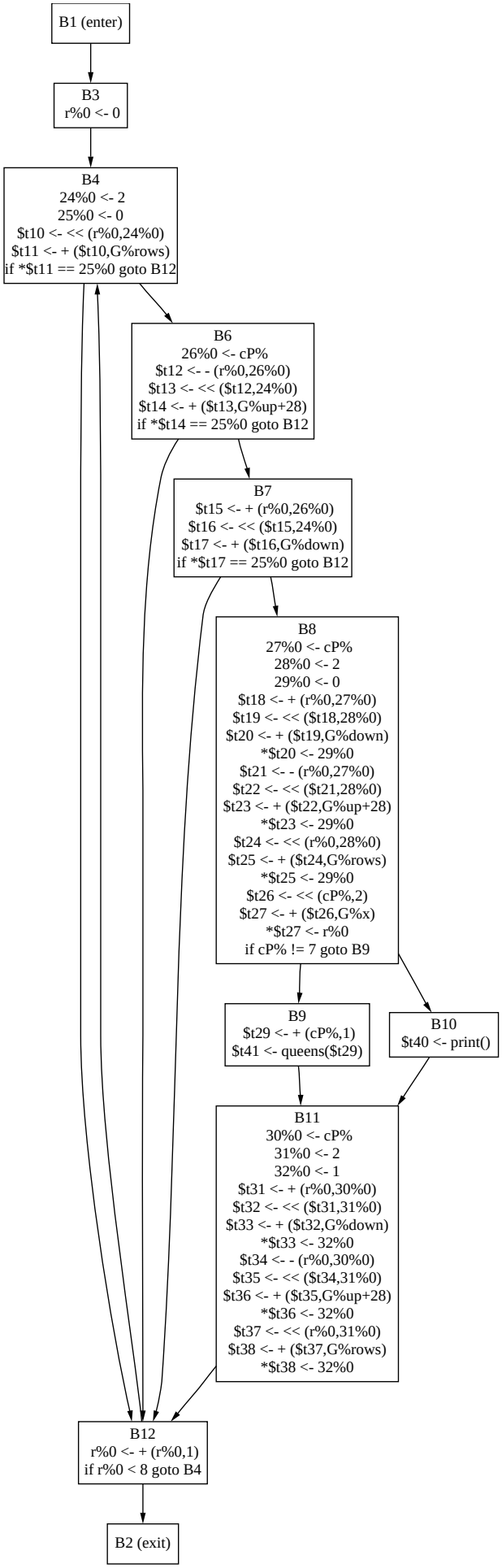
B1 (enter)
B3
r%0 <- 0
B4
24%0 <- 2
25%0 <- 0
$t10 <- << (r%0,24%0)
$t11 <- + ($t10,G%rows)
if *$t11 == 25%0 goto B12
B6
26%0 <- cP%
$t12 <- - (r%0,26%0)
$t13 <- << ($t12,24%0)
$t14 <- + ($t13,G%up+28)
if *$t14 == 25%0 goto B12
B7
$t15 <- + (r%0,26%0)
$t16 <- << ($t15,24%0)
$t17 <- + ($t16,G%down)
if *$t17 == 25%0 goto B12
B8
27%0 <- cP%
28%0 <- 2
29%0 <- 0
$t18 <- + (r%0,27%0)
$t19 <- << ($t18,28%0)
$t20 <- + ($t19,G%down)
*$t20 <- 29%0
$t21 <- - (r%0,27%0)
$t22 <- << ($t21,28%0)
$t23 <- + ($t22,G%up+28)
*$t23 <- 29%0
$t24 <- << (r%0,28%0)
$t25 <- + ($t24,G%rows)
*$t25 <- 29%0
$t26 <- << (cP%,2)
$t27 <- + ($t26,G%x)
*$t27 <- r%0
if cP% != 7 goto B9
B9
$t29 <- + (cP%,1)
$t41 <- queens($t29)
B10
$t40 <- print()
B11
30%0 <- cP%
31%0 <- 2
32%0 <- 1
$t31 <- + (r%0,30%0)
$t32 <- << ($t31,31%0)
$t33 <- + ($t32,G%down)
*$t33 <- 32%0
$t34 <- - (r%0,30%0)
$t35 <- << ($t34,31%0)
$t36 <- + ($t35,G%up+28)
*$t36 <- 32%0
$t37 <- << (r%0,31%0)
$t38 <- + ($t37,G%rows)
*$t38 <- 32%0
B12
r%0 <- + (r%0,1)
if r%0 < 8 goto B4
B2 (exit)