CFG with Results for assignments $a \rightarrow [-\inf, \inf], x \rightarrow [-\inf, \inf], y \rightarrow [-\inf, \inf]$ 2 $a \rightarrow [-\inf, \inf], x \rightarrow [-\inf, \inf], y \rightarrow [-\inf, \inf]$ x = 3 $a \rightarrow [-\inf, \inf], x \rightarrow [3,3], y \rightarrow [-\inf, \inf]$ $a \rightarrow [-\inf, \inf], x \rightarrow [3,3], y \rightarrow [5,5]$ a = add(x, y) $a \rightarrow [8,8], x \rightarrow [3,3], y \rightarrow [5,5]$ IF IN: gt(a, 0) 3 $a \rightarrow [8,8], x \rightarrow [3,3], y \rightarrow [5,5]$ not(gt(a, 0))a = mult(2, a) $a \rightarrow [16,16], x \rightarrow [3,3], y \rightarrow [5,5]$ IF OUT 4 $a \rightarrow [8,16], x \rightarrow [3,3], y \rightarrow [5,5]$ $a \rightarrow [8,16], x \rightarrow [3,3], y \rightarrow [5,5]$ 5 $a \rightarrow [8,16], x \rightarrow [3,3], y \rightarrow [5,5]$