f

entry:
  x = $copy 4
  y = $copy 6
  z = $call_ext input()
  tmp = $cmp neq z 0
  $branch tmp if_true if_false

if_true:
  x = $copy 2
  $jump if_end

if_end:
  z = $arith add x y
  $ret z

if_false:
  x = $copy 3
  y = $copy 3
  $jump if_end

main

entry:
  $ret 0