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il_test_shortcircuit_indirect
0:      call    t0 <- Input
1:      assign p <- t0
2:      call    t1 <- Input
3:      assign q <- t1
4:      param   0 <- p
5:      call    t2 <- is_zero
6:      if      t2 = 1 goto 5
7:      goto    4_if_false
8: 5:
9:      param   0 <- q
10:     call    t3 <- is_zero
11:     if      t3 = 1 goto 3_if_true
12:     goto    4_if_false
13: 3_if_true:
14:     param   0 <- 0
15:     call    Output
16:     goto    2
17: 4_if_false:
18:     param   0 <- p
19:     call    t4 <- is_zero
20:     if      t4 = 1 goto 8_if_true
21:     param   0 <- q
22:     call    t5 <- is_zero
23:     if      t5 = 1 goto 8_if_true
24:     goto    9_if_false
25: 8_if_true:
26:     param   0 <- 1
27:     call    Output
28:     goto    7
29: 9_if_false:
30:     param   0 <- 2
31:     call    Output
32: 7:
33: 2:

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```

                                is_zero
0:      if      n = 0 goto 1
1:      goto    2
2: 1:
3:      assign t0 <- 1
4:      goto    3
5: 2:
6:      assign t0 <- 0
7: 3:
8:      return t0

```