```
                                                    test
 0:      assign i <- 0
 1: 2_while_cond:
 2:      if     i < 10 goto 3_while_body
 3:      goto   1
 4: 3_while_body:
 5:      if     i > 2 goto 6
 6:      goto   7
 7: 6:
 8:      assign t1 <- 1
 9:      goto   8
10: 7:
11:      assign t1 <- 0
12: 8:
13:      mul    t2 <- i, 1
14:      param  0 <- a
15:      call   t3 <- DOFS
16:      add    t4 <- t2, t3
17:      add    t5 <- a, t4
18:      assign @t5 <- t1  // *t5 = &a
19:      add    t6 <- i, 1
20:      assign i <- t6
21:      goto   2_while_cond
22: 1:
23:      assign i <- 0
24: 13_while_cond:
25:      if     i < 10 goto 14_while_body
26:      goto   12
27: 14_while_body:
28:      mul    t7 <- i, 1
29:      param  0 <- a
30:      call   t8 <- DOFS
31:      add    t9 <- t7, t8
32:      add    t10 <- a, t9
33:      if     @t10 = 1 goto 17_if_true
34:      goto   18_if_false
35: 17_if_true:
36:      param  0 <- 1
37:      call   WriteInt
38:      goto   16
39: 18_if_false:
40:      param  0 <- 0
41:      call   WriteInt
42: 16:
43:      add    t11 <- i, 1
44:      assign i <- t11
45:      goto   13_while_cond
46: 12:
```

```
                          test06
 0:      &()    *t0 <- &a
 1:      param  0 <- t0
 2:      call   test
```