```
                                              test
 0:      assign t1 <- 0
 1:      param  0 <- a
 2:      call   t2 <- DOFS
 3:      add    t3 <- 0, t2
 4:      add    t4 <- a, t3
 5:      assign @t4 <- 1  // *t4 = &a
 6:      assign i <- 1
 7: 3_while_cond:
 8:      if     i < 10 goto 4_while_body
 9:      goto   2
10: 4_while_body:
11:      sub    t5 <- 10, i
12:      mul    t6 <- i, 4
13:      param  0 <- a
14:      call   t7 <- DOFS
15:      add    t8 <- t6, t7
16:      add    t9 <- a, t8
17:      assign @t9 <- t5  // *t9 = &a
18:      add    t10 <- i, 1
19:      assign i <- t10
20:      goto   3_while_cond
21: 2:
22:      assign i <- 0
23: 10_while_cond:
24:      if     i < 10 goto 11_while_body
25:      goto   9
26: 11_while_body:
27:      mul    t11 <- i, 4
28:      param  0 <- a
29:      call   t12 <- DOFS
30:      add    t13 <- t11, t12
31:      add    t14 <- a, t13
32:      param  0 <- @t14
33:      call   WriteInt
34:      add    t15 <- i, 1
35:      assign i <- t15
36:      goto   10_while_cond
37: 9:
```

```
                          test05
 0:      &()     *t0 <- &a
 1:      param  0 <- t0
 2:      call   test
```