```
                                                          test
 0:      &()    *t0 <- &a
 1:      &()    *t2 <- &a
 2:      param  0 <- t2
 3:      call   t3 <- DOFS
 4:      add    t4 <- 0, t3
 5:      add    t5 <- t0, t4
 6:      assign @t5 <- 1  // *t5 = &a
 7:      assign i <- 1
 8: 3_while_cond:
 9:      if     i < 10 goto 4_while_body
10:      goto   2
11: 4_while_body:
12:      sub    t6 <- 10, i
13:      &()    *t7 <- &a
14:      mul    t8 <- i, 4
15:      &()    *t9 <- &a
16:      param  0 <- t9
17:      call   t10 <- DOFS
18:      add    t11 <- t8, t10
19:      add    t12 <- t7, t11
20:      assign @t12 <- t6  // *t12 = &a
21:      add    t13 <- i, 1
22:      assign i <- t13
23:      goto   3_while_cond
24: 2:
25:      assign i <- 0
26: 10_while_cond:
27:      if     i < 10 goto 11_while_body
28:      goto   9
29: 11_while_body:
30:      &()    *t14 <- &a
31:      mul    t15 <- i, 4
32:      &()    *t16 <- &a
33:      param  0 <- t16
34:      call   t17 <- DOFS
35:      add    t18 <- t15, t17
36:      add    t19 <- t14, t18
37:      param  0 <- @t19
38:      call   WriteInt
39:      add    t20 <- i, 1
40:      assign i <- t20
41:      goto   10_while_cond
42: 9:
```

```
                       test08
 0:      call   test
```