```
test02
        &()
                *t0 <- &a
 0:
 1:
        mul
                t1 <- 0, 4
 2:
        &()
                 *t2 <- &a
                0 <- t2
 3:
        param
 4:
        call
                t3 <- DOFS
                t4 <- t1, t3
 5:
        add
                t5 <- t0, t4
 6:
        add
                           // *t5 = &a
 7:
        assign @t5 <- 1
        assign i <- 1
 8:
 9:
    3 while cond:
10:
        if
                i < 10 goto 4_while_body
11:
         goto
12:
    4 while body:
13:
         sub
                t6 <- 10, i
14:
        &()
                 *t7 <- &a
15:
        mul
                t8 <- i, 4
16:
        &()
                 *t9 <- &a
17:
        param
                0 < - t9
                t10 <- DOFS
18:
        call
19:
        add
                t11 <- t8, t10
20:
        add
                t12 <- t7, t11
        assign @t12 < - t6 // *t12 = &a
21:
                t13 <- i, 1
22:
        add
23:
        assign i <- t13
24:
        goto
                3 while cond
25: 2:
26:
        assign i <- 0
27:
    10 while cond:
                i < 10 goto 11_while_body</pre>
28:
         if
29:
        goto
                9
    11 while body:
30:
                 *t14 <- &a
31:
        &()
32:
        mul
                t15 <- i, 4
33:
        &()
                 *t16 <- &a
34:
        param
                0 <- t16
                t17 <- D0FS
35:
        call.
36:
        add
                t18 <- t15, t17
                t19 <- t14, t18
37:
        add
38:
                0 <- @t19
        param
39:
        call
                WriteInt
40:
        add
                t20 <- i, 1
        assign i <- t20
41:
42:
        goto
                10 while cond
43: 9:
```