

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