```
 1    .data
 2    cantidad:    .word 10
 3    arreglo:     .word 2, -4, 6, -5, 10, 0, 3, -7, 9, -1
 4    CONTROL:     .word32 0x10000
 5    DATA:        .word32 0x10008
 6
 7    .text
 8    daddi    $sp, $0, 0x400
 9    lwu      $s0, CONTROL($0)
10    lwu      $s1, DATA($0)
11    daddi    $a0, $0, arreglo
12    ld       $a1, cantidad($0)
13    jal      recorrer
14    halt
15
16    recorrer:    daddi    $sp, $sp, -16
17                 sd       $ra, 0($sp)
18    bucle:       sd       $a0, 8($sp)
19                 ld       $a0, 0($a0)
20                 jal      leer_num
21                 ld       $a0, 8($sp)
22                 daddi    $a0, $a0, 8
23                 daddi    $a1, $a1, -1
24                 bnez     $a1, bucle
25                 ld       $ra, 0($sp)
26                 daddi    $sp, $sp, 16
27                 jr       $ra
28
29    leer_num:    slti     $t0, $a0, 0
30                 beqz     $t0, terminar
31                 daddi    $t1, $0, 2
32                 sd       $a0, 0($s1)
33                 sd       $t1, 0($s0)
34    terminar:    jr       $ra
```