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                                gcd
0:      &()      *t0 <- &_str_3
1:      param  0 <- t0
2:      call   WriteStr
3:      call   WriteLn
4:      call   WriteLn
5:      &()      *t1 <- &n
6:      param  0 <- t1
7:      call   ReadNumbers
8:      &()      *t2 <- &_str_4
9:      param  0 <- t2
10:     call   WriteStr
11:     &()      *t3 <- &n
12:     param  0 <- t3
13:     call   t4 <- gcd_iter
14:     param  0 <- t4
15:     call   WriteInt
16:     call   WriteLn
17:     &()      *t5 <- &_str_5
18:     param  0 <- t5
19:     call   WriteStr
20:     &()      *t6 <- &n
21:     param  0 <- t6
22:     call   t7 <- gcd_mod
23:     param  0 <- t7
24:     call   WriteInt
25:     call   WriteLn
26:     &()      *t8 <- &_str_6
27:     param  0 <- t8
28:     call   WriteStr
29:     &()      *t9 <- &n
30:     param  0 <- t9
31:     call   t10 <- gcd_rec
32:     param  0 <- t10
33:     call   WriteInt
34:     call   WriteLn

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                                gcd_iter
0: 1_while_cond:
1:   mul      t11 <- 0, 4
2:   param    0 <- a
3:   call     t12 <- DOFS
4:   add      t13 <- t11, t12
5:   add      t14 <- a, t13
6:   mul      t15 <- 1, 4
7:   param    0 <- a
8:   call     t16 <- DOFS
9:   add      t17 <- t15, t16
10:  add      t18 <- a, t17
11:  if        @t14 # @t18 goto 2_while_body
12:  goto     0
13: 2_while_body:
14:  mul      t19 <- 0, 4
15:  param    0 <- a
16:  call     t20 <- DOFS
17:  add      t21 <- t19, t20
18:  add      t22 <- a, t21
19:  mul      t23 <- 1, 4
20:  param    0 <- a
21:  call     t24 <- DOFS
22:  add      t25 <- t23, t24
23:  add      t26 <- a, t25
24:  if        @t22 > @t26 goto 5_if_true
25:  goto     6_if_false
26: 5_if_true:
27:  mul      t27 <- 0, 4
28:  param    0 <- a
29:  call     t28 <- DOFS
30:  add      t29 <- t27, t28
31:  add      t30 <- a, t29
32:  mul      t31 <- 1, 4
33:  param    0 <- a
34:  call     t32 <- DOFS
35:  add      t33 <- t31, t32
36:  add      t34 <- a, t33
37:  sub      t35 <- @t30, @t34
38:  mul      t36 <- 0, 4
39:  param    0 <- a
40:  call     t37 <- DOFS
41:  add      t38 <- t36, t37
42:  add      t39 <- a, t38
43:  assign   @t39 <- t35 // *t39 = &a
44:  goto     4
45: 6_if_false:
46:  mul      t40 <- 1, 4
47:  param    0 <- a
48:  call     t41 <- DOFS
49:  add      t42 <- t40, t41
50:  add      t43 <- a, t42
51:  mul      t44 <- 0, 4
52:  param    0 <- a
53:  call     t45 <- DOFS
54:  add      t46 <- t44, t45
55:  add      t47 <- a, t46
56:  sub      t48 <- @t43, @t47
57:  mul      t49 <- 1, 4
58:  param    0 <- a
59:  call     t50 <- DOFS
60:  add      t51 <- t49, t50
61:  add      t52 <- a, t51
62:  assign   @t52 <- t48 // *t52 = &a
63: 4:
64:  goto     1_while_cond
65: 0:
66:  mul      t53 <- 0, 4
67:  param    0 <- a
68:  call     t54 <- DOFS
69:  add      t55 <- t53, t54
70:  add      t56 <- a, t55
71:  return   @t56

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                                gcd_mod
0: 1_while_cond:
1:   mul      t11 <- 1, 4
2:   param    0 <- a
3:   call     t12 <- DOFS
4:   add      t13 <- t11, t12
5:   add      t14 <- a, t13
6:   if        @t14 # 0 goto 2_while_body
7:   goto     0
8: 2_while_body:
9:   mul      t15 <- 1, 4
10:  param    0 <- a
11:  call     t16 <- DOFS
12:  add      t17 <- t15, t16
13:  add      t18 <- a, t17
14:  assign   t <- @t18
15:  mul      t19 <- 0, 4
16:  param    0 <- a
17:  call     t20 <- DOFS
18:  add      t21 <- t19, t20
19:  add      t22 <- a, t21
20:  mul      t23 <- 0, 4
21:  param    0 <- a
22:  call     t24 <- DOFS
23:  add      t25 <- t23, t24
24:  add      t26 <- a, t25
25:  div      t27 <- @t26, t
26:  mul      t28 <- 0, 4
27:  sub      t29 <- @t22, t28
28:  mul      t30 <- 1, 4
29:  param    0 <- a
30:  call     t31 <- DOFS
31:  add      t32 <- t30, t31
32:  add      t33 <- a, t32
33:  assign   @t33 <- t29 // *t33 = &a
34:  mul      t34 <- 0, 4
35:  param    0 <- a
36:  call     t35 <- DOFS
37:  add      t36 <- t34, t35
38:  add      t37 <- a, t36
39:  assign   @t37 <- t // *t37 = &a
40:  goto     1_while_cond
41: 0:
42:  mul      t38 <- 0, 4
43:  param    0 <- a
44:  call     t39 <- DOFS
45:  add      t40 <- t38, t39
46:  add      t41 <- a, t40
47:  return   @t41

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                                gcd_rec
0:   mul      t11 <- 1, 4
1:   param    0 <- a
2:   call     t12 <- DOFS
3:   add      t13 <- t11, t12
4:   add      t14 <- a, t13
5:   if        @t14 = 0 goto 1_if_true
6:   goto     2_if_false
7: 1_if_true:
8:   mul      t15 <- 0, 4
9:   param    0 <- a
10:  call     t16 <- DOFS
11:  add      t17 <- t15, t16
12:  add      t18 <- a, t17
13:  return   @t18
14:  goto     0
15: 2_if_false:
16:  mul      t19 <- 0, 4
17:  param    0 <- a
18:  call     t20 <- DOFS
19:  add      t21 <- t19, t20
20:  add      t22 <- a, t21
21:  assign   t <- @t22
22:  mul      t23 <- 1, 4
23:  param    0 <- a
24:  call     t24 <- DOFS
25:  add      t25 <- t23, t24
26:  add      t26 <- a, t25
27:  mul      t27 <- 0, 4
28:  param    0 <- a
29:  call     t28 <- DOFS
30:  add      t29 <- t27, t28
31:  add      t30 <- a, t29
32:  assign   @t30 <- @t26 // *t30 = &a
33:  mul      t31 <- 1, 4
34:  param    0 <- a
35:  call     t32 <- DOFS
36:  add      t33 <- t31, t32
37:  add      t34 <- a, t33
38:  div      t35 <- t, @t34
39:  mul      t36 <- 1, 4
40:  param    0 <- a
41:  call     t37 <- DOFS
42:  add      t38 <- t36, t37
43:  add      t39 <- a, t38
44:  mul      t40 <- t35, @t39
45:  sub      t41 <- t, t40
46:  mul      t42 <- 1, 4
47:  param    0 <- a
48:  call     t43 <- DOFS
49:  add      t44 <- t42, t43
50:  add      t45 <- a, t44
51:  assign   @t45 <- t41 // *t45 = &a
52:  param    0 <- a
53:  call     t46 <- gcd_rec
54:  return   t46
55: 0:

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```

                                ReadNumbers
0:   &()      *t11 <- &_str_1
1:   param    0 <- t11
2:   call     WriteStr
3:   call     t12 <- ReadInt
4:   mul      t13 <- 0, 4
5:   param    0 <- n
6:   call     t14 <- DOFS
7:   add      t15 <- t13, t14
8:   add      t16 <- n, t15
9:   assign   @t16 <- t12 // *t16 = &n
10:  &()      *t17 <- &_str_2
11:  param    0 <- t17
12:  call     WriteStr
13:  call     t18 <- ReadInt
14:  mul      t19 <- 1, 4
15:  param    0 <- n
16:  call     t20 <- DOFS
17:  add      t21 <- t19, t20
18:  add      t22 <- n, t21
19:  assign   @t22 <- t18 // *t22 = &n

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