

LinkedListMain
_+1 := NEW LL
param _+1
_+2 := call Start 1
PRINT _+2

ElementInit
Age := v Age
Salary := v Salary
Married := v_Married

ElementGetAge

ElementGetSalary

ElementGetMarried

ElementEqual
ret_val := true
param other
aux01 := GetAge call 1
param THIS
param aux01
param Age
_+2 := call Compare 3
IF NOT _+2

ElementCompare
retval := false
aux02 := num2 ADD \$1
IF num1 LT num2

ListInit
end := true

ListInitNew
end := v end
elem := v_elem
next := v_next

ListInsert
aux03 := +0
aux02 := NEW List
param aux02
param new_elem
param aux03
param false
ret_val := InitNew call 4

ListSetNext
next := v_next

ListDelete
my head := +0
ret_val := false
prev := \$0 SUB \$1
var_end := end
var_elem := elem
_+2 := NOT var_end
_+3 := NOT ret_val
WHILE _+2 AND _+3

ListSearch
aux01 := 0
var_end := end
var_elem := elem
WHILE NOT var_end

ListGetEnd

ListGetElem

ListGetNext

ListPrint
aux01 := _+0
var_end := end
var_elem := elem
WHILE NOT var_end

LLStart
last_elem := NEW List
param last_elem
aux01 := Init call 1
head := last_elem
param head
aux01 := Init call 1
param head
aux01 := Print call 1
el01 := NEW Element
param el01
param \$25
param \$37000
param false
aux01 := Init call 4
param head
param el01
head := Insert call 2
param head
aux01 := Print call 1
PRINT \$10000000
el01 := NEW Element
param el01
param \$39
param \$42000
param true
aux01 := Init call 4
el02 := el01
param head
param el01
head := Insert call 2
param head
aux01 := Print call 1
PRINT \$10000000
el01 := NEW Element
param el01
param \$22
param \$34000
aux01 := Init call 4
param head
param el01
head := Insert call 2
param head
aux01 := Print call 1
PRINT \$2220000
param head
param el02
head := Delete call 2
param head
aux01 := Print call 1
PRINT \$33300000
param head
param el01
head := Delete call 2
param head
aux01 := Print call 1
PRINT \$44440000

block 2
param other
aux02 := GetSalary call 1
param THIS
param aux02
param Salary
_+2 := call Compare 3
IF NOT _+2

block 3
ret_val := false

block 4
IF Married

block 5
param other
_+1 := call GetMarried 1
IF NOT _+1

block 7
ret_val := false

block 8
nt := 0

block 6
param other
IF GetMarried call 1

block 10
ret_val := false

block 11
nt := 0

block 16
retval := false

block 20

block 21

block 18
retval := false

block 19
retval := true

block 1
ret_val := false

block 13

block 14

block 15

block 17
_+1 := num1 LT aux02
IF NOT _+1

block 18
retval := false

block 19
retval := true

block 20

block 21

block 26
param aux01
my_head := GetNext call 1

block 22
param e
param var_elem
IF Equal call 2

block 24
ret_val := true
IF aux04 LT \$0

block 27
_+1 := \$0 SUB \$555
PRINT +1
param prev
param aux01
_+2 := call GetNext 1
param +2
aux05 := SetNext call 2
_+4 := \$0 SUB \$555
PRINT _+4

block 28

block 25
nt := 0

block 29
IF NOT ret_val

block 30
prev := aux01
param aux01
aux01 := GetNext call 1
param aux01
var_end := GetEnd call 1
param aux01
var_elem := GetElem call 1
aux04 := 1

block 31
nt := 0

block 32

block 33
param e
param var_elem
IF Equal call 2

block 35
int_ret_val := 1

block 34

block 36
nt := 0

block 37
param aux01
aux01 := GetNext call 1
param aux01
var_end := GetEnd call 1
param aux01
var_elem := GetElem call 1

block 38
param var_elem
_+1 := call GetAge 1
PRINT +1
param aux01
aux01 := GetNext call 1
param aux01
var_end := GetEnd call 1
param aux01
var_elem := GetElem call 1

block 39