

fib_iter(n : int) : int

a := Assign 0

b := Assign 1

Goto .BB1

BB0

t2 := LessEqual 0, n

IfGoto t2, .BB2, .BB3

BB1

tmp := Assign a

a := Add a, b

b := Assign tmp

n := Sub n, 1

Goto .BB1

BB2

Return a

BB3

parameters = [n]

variables = [a, b, t2, tmp]

basic_blocks = {BB0, BB1, BB2, BB3}

entry_block = BB0