<+63>   callq 0x0b0 <scanf@plt>

<+68>   mov -0x10 (%rbp), %eax

<+71>   mov %eax, %edi

0xde38	
0xde30	rbp
0xde28	
0xde20	rsp, 5 (&num)

eax	5 (&num)
edi	5 (&num)

<+73>   callq -x1a0<recursive fib>

recursive fib 함수 진입

<+0>   endbr64

0xde38	
0xde30	rbp (main)
0xde28	
0xde20	rsp, 5 (&num)
0xde18	<main+78> 복귀주소, rsp

<+4>   push %rbp

0xde38	
0xde30	rbp (main)
0xde28	
0xde20	rsp, 5 (&num)
0xde18	<main+78> 복귀주소, rbp
0xde10	rsp

<+5>   mov %rsp, %rbp

0xde38	
0xde30	rbp (main)
0xde28	
0xde20	rsp, 5 (&num)
0xde18	<main+78> 복귀주소
0xde10	rsp = rbp

<+8>   push %rbx

0xde38	
0xde30	rbp (main)
0xde28	
0xde20	rsp, 5 (&num)

	0xde18	<main+78> 복귀주소	
	0xde10	rbp	rbx 메모리 저장
	0xde08	rsp	

<+9>   sub $0x18, %rsp

	0xde38	
	0xde30	rbp (main)
	0xde28	
	0xde20	rsp, 5 (&num)
	0xde18	<main+78> 복귀주소
56848	0xde10	rbp
56840	0xde08	
56832	0xde00	
56824	0xddf8	
56816	0xddf0	rsp

<+13>   mov %edi, -0x14(%rbp)

	0xde38		
	0xde38		
56880	0xde30	rbp (main)	
56872	0xde28		
56864	0xde20	rsp, 5 (&num)	
56856	0xde18	<main+78> 복귀주소	56828
56848	0xde10	rbp	
56840	0xde08		
56832	0xde00		
56828	0xddfc	5	
56816	0xddf0	rsp	

<+16>   cmpl $0x0, -0x14(%rbp)

         num <= 0   참 : <+21> 점프

                               거짓 : <+41> 점프

<+41>   cmpl $0x2, -0x14(%rbp)

         num < 3   참 : <+47> 점프

                               거짓 : <+54> 점프

<+54>   mov -0x14(%rbp), eax

0xde38	
0xde30	rbp (main)
0xde28	
0xde20	rsp, 5 (&num)
0xde18	<main+78> 복귀주소
0xde10	rbp

	0xde08	
	0xde00	
56828	0xddfc	5
	0xddf0	rsp

eax	5

<+57>   sub $0x1, $eax

eax = eax - 1   eax = 4 저장

<+60>   mov eax, edi   edi = eax

<+62>   jmp 0x1a9<recursive_fib>

endbr64 다시 시작

<+4>   push %rbp

<+5>   mov %rsp, %rbp

	0xde38	
	0xde30	rbp (main)
	0xde28	
	0xde20	rsp, 5 (&num)
	0xde18	<main+78> 복귀주소
56848	0xde10	rbp
56840	0xde08	
56832	0xde00	
56828	0xddfc	5
56816	0xddf0	rsp
56808	0xdde8	rbp
56800	0xdde0	rsp = rbp

<+8>   push %rbx

<+9>   sub $0x18, $rsp

<+13>   %edi, -0x14(%rbp)

	0xde38	
	0xde30	rbp (main)
	0xde28	
	0xde20	rsp, 5 (&num)
	0xde18	<main+78> 복귀주소
56848	0xde10	rbp
56840	0xde08	
56832	0xde00	
56828	0xddfc	5
56816	0xddf0	
56808	0xdde8	
56800	0xdde0	rbp

56792	0xddd8	
56784	0xddd0	
56780	0xddcc	4
56776	0xddc8	
56768	0xddc0	rsp

<+16>   cmpl $0x0, -0x14(%rbp)

num <= 0   참 : <+21> 점프

거짓 : <+41> 점프

<+41>   cmpl $0x2, -0x14(%rbp)

num < 3   참 : <+47> 점프

거짓 : <+54> 점프

<+54>   mov -0x14(%rbp), %eax

<+57>   sub $0x1, %eax

<+60>   mov eax, edi

56800	0xdde0	rbp
56792	0xddd8	
56784	0xddd0	
56780	0xddcc	4
56776	0xddc8	
56768	0xddc0	rsp

eax	4 -> 3	4-1 =3
edi	3	

<+62>   jmp 0x1a9<recursive_fib>

endbr64 다시 시작

<+4>   push %rbp

<+5>   mov %rsp, %rbp

56800	0xdde0	rbp
56792	0xddd8	
56784	0xddd0	
56780	0xddcc	4
56776	0xddc8	
56768	0xddc0	rsp
56760	0xddb8	~~rbp~~
56752	0xddb0	rsp = rbp

<+8>   push %rbx

<+9>   sub $0x18, $rsp

<+13>   %edi, -0x14(%rbp)

56768	0xddc0	
56760	0xddb8	
56752	0xddb0	rbp
56744	0xdda8	
56736	0xdda0	
56732	0xdd9c	3
56728	0xdd98	
56720	0xdd90	rsp

56732

<+16>   cmpl $0x0, -0x14(%rbp)
         num <= 0   참 : <+21> 점프
                              거짓 : <+41> 점프

<+41>   cmpl $0x2, -0x14(%rbp)
         num < 3   참 : <+47> 점프
                              거짓 : <+54> 점프

<+54>   mov -0x14(%rbp), %eax
<+57>   sub $0x1, %eax
<+60>   mov eax, edi

56768	0xddc0	
56760	0xddb8	
56752	0xddb0	rbp
56744	0xdda8	
56736	0xdda0	
56732	0xdd9c	3
56728	0xdd98	
56720	0xdd90	rsp

eax	3 -> 2
edi	2

<+62>   jmp 0x1a9<recursive_fib>
         endbr64 다시 시작
<+4>   push %rbp
<+5>   mov %rsp, %rbp

56752	0xddb0	rbp (이전)
56744	0xdda8	
56736	0xdda0	
56732	0xdd9c	3
56728	0xdd98	
56720	0xdd90	rsp (이전)
56712	0xdd88	~~rbp~~

56704	0xdd80	rsp = rbp

<+8>   push %rbx

<+9>   sub $0x18, $rsp

<+13>   %edi, -0x14(%rbp)

56712	0xdd88	
56704	0xdd80	rbp
56696	0xdd78	
56688	0xdd70	
56684	0xdd6c	2
56680	0xdd68	
56672	0xdd60	rsp

<+16>   cmpl $0x0, -0x14(%rbp)

        num <= 0   참 : <+21> 점프

                             거짓 : <+41> 점프

<+41>   cmpl $0x2, -0x14(%rbp)

        num < 3   참 : <+47> 점프

                             거짓 : <+54> 점프

<+45>   return 1;

<+47>   mov $0x1, eax

eax	2 -> 1

<+84>   add $0x18, %rsp

0xdd88	
0xdd80	rbp
0xdd78	rsp

<+88>   pop %rbx

0xdd88	
0xdd80	rsp = rbp

<+89>   pop %rbp

0xddb0	rbp (이전)
0xdda8	
0xdda0	
0xdd9c	3
0xdd98	
0xdd90	rsp (이전)
0xdd88	복귀 , rbp

<+67>   mov eax, ebx

eax	1
ebx	1

<+69>   mov -0x14(%rbp), eax

eax	1 -> 3

<+72>   sub $0x2, %eax

eax	3 -> 1	1 = 3 - 2

<+75>   mov eax, ebx

eax	1
edi	2 -> 1

<+77>   callq 0x1a9 <recursive_fib>

         endbr64
<+4>   push %rbp
<+5>   mov %rsp, %rbp

0xddb0	rbp (이전)
0xdda8	
0xdda0	
0xdd98	
0xdd90	rsp (이전)
0xdd88	~~rbp~~
0xdd80	rsp = rbp

<+8>   push %rbx
<+9>   sub $0x18, $rsp
<+13>   %edi, -0x14(%rbp)

	0xdd88	
56704	0xdd80	rbp
	0xdd78	
	0xdd70	
56684	0xdd6c	1
	0xdd68	
	0xdd60	rsp

edi	1

<+16>   cmpl $0x0, -0x14(%rbp)
         num <= 0   참 : <+21> 점프
                             거짓 : <+41> 점프

<+41>   cmpl $0x2, -0x14(%rbp)

num < 3 참 : <+47> 점프
거짓 : <+54> 점프

<+84> add $0x18, $rsp

0xdd88	
0xdd80	rbp
0xdd78	rsp

<+88> pop %rbx

0xdd88	
0xdd80	rsp =rbp

<+89> pop %rbp

56752	0xddb0	rbp (이전)
56744	0xdda8	
56736	0xdda0	
56728	0xdd98	
56720	0xdd90	rsp (이전)
56712	0xdd88	복귀 rsp

<+82> add ebx, eax

eax	1 -> 2
ebx	1

<+84> add $0x18, %rsp

0xddb0	rbp
0xdda8	rsp

<+88> pop %rbx

0xddb8	
0xddb0	rsp = rbp

<+89> pop %rbp

	0xdde0	rbp (이전)
	0xddd8	
56780	0xddcc	4
	0xddd0	
	0xddc8	
	0xddc0	rsp (이전)
	0xddb8	복귀, rsp

<+67> mov eax, ebx

eax	2

ebx	1 -> 2

56800	0xdde0	rbp
	0xddd8	
56780	0xddcc	4
	0xddd0	
	0xddc8	
	0xddc0	rsp

<+69>   mov -0x14(%rbp), eax

eax	2 -> 4

<+72>   sub $0x2, %eax

eax	4 -> 2	2 = 4 - 2

<+75>   mov eax, edi

edi	1 -> 2

<+77>   callq 0x1a9 <recursive_fib>

         endbr64
<+4>   push %rbp
<+5>   mov %rsp, %rbp

0xddb8	~~rbp~~
0xddb0	rsp = rbp

<+8>   push %rbx
<+9>   sub $0x18, $rsp
<+13>   %edi, -0x14(%rbp)

56752	0xddb0	rbp
	0xdda8	
	0xdda0	
	0xdd9c	2
	0xdd98	
	0xdd90	rsp

56732

<+16>   cmpl $0x0, -0x14(%rbp)
         num <= 0   참 : <+21> 점프
                               거짓 : <+41> 점프

<+41>   cmpl $0x2, -0x14(%rbp)
         num < 3   참 : <+47> 점프
                               거짓 : <+54> 점프

<+45>   return 1;

<+47>   mov $0x1, eax

eax	2 -> 1

<+84>   add $0x18, %rsp

56752	0xddb0	rbp
56744	0xdda8	rsp

<+88>   pop %rbx

0xddc0	rsp
0xddb8	
0xddb0	rsp = rbp

<+89>   pop %rbp

0xdde0	rbp
0xddd8	
0xddd2	4
0xddd0	
0xddc8	
0xddc0	rsp
0xddb8	복귀, rsp

<+82>   add ebx, eax

ebx	2
eax	1 -> 3

0xdde0	rbp
0xddd8	
0xddd2	4
0xddd0	
0xddc8	
0xddc0	rsp

<+84>   add $0x18, %rsp

56800	0xdde0	rbp
56792	0xddd8	rsp
56786	0xddd2	4
56784	0xddd0	

<+88>   pop %rbx

0xde10	rbp (이전)
0xde08	

0xde00	
0xddf8	5
0xddf0	
0xdde8	rsp (이전)
0xdde0	rsp = rbp

<+89>   pop %rbp

0xde10	rbp (이전)
0xde08	
0xde00	
0xddf8	5
0xddf0	rsp (이전)
0xdde8	복귀 , rsp

<+82>   add %ebx, %eax

ebx	2
eax	3 -> 5

<+84>   add $0x18, %rsp

0xde18	<main+78> 복귀주소
0xde10	rbp
0xde08	rsp

<+88>   pop %rbx

0xde18	<main+78> 복귀주소
0xde10	rsp = rbp

<+89>   pop %rbp

0xde38	
0xde30	rbp (main)
0xde28	
0xde20	rsp, 5 (&num)
0xde18	<main+78> 복귀주소

main

<+78>   mov eax, -0xc(%rbp)

0xde38	
0xde30	rbp (main)
0xde28	
0xde24	eax 5
0xde20	rsp, 5 (&num)

<+84>   mov eax, esi

eax	5	
esi	5	#NAME?