	push %rbp	movq %rsp %rbp	cmpq $1 %rdi	jg long	pushq %rdi	subq $1 %rsp	call fib	push %rbp	movq %rsp %rbp	cmpq $1 %rdi	jg long	movq %rdi %rax	jmp return	leave	ret	pushq %rax	subq $1 %rsp	call fib	push %rbp	movq %rsp %rbp	cmpq $1 %rdi	jg long	movq %rdi %rax	jmp return	leave	ret	popq %rdi	addq %rdi %rax	popq %rdi	leave	ret	pushq %rax	subq $1 %rsp	call fib	push %rbp	movq %rsp %rbp	cmpq $1 %rdi	jg long	movq %rdi %rax	jmp return	leave	ret	popq %rdi	addq %rdi %rax	popq %rdi	leave	ret
rip	0	1	2	3	6	7	8	0	1	2	3	4	5	15	16	9	10	11	0	1	2	3	4	5	15	16	12	13	14	15	16	9	10	11	0	1	2	3	4	5	15	16	12	13	14	15	16	[call elp]
rbp	[old bp]	[old bp]	997	997	997	997	997	997	997	994	994	994	994	994	994	994	994	994	994	994	991	991	991	991	991	991	994	994	994	994	994	994	994	994	997	997	997	997	997	997	997	997	997	997	997	997	997	[old bp]
rsp	998	997	997	997	997	996	996	995	994	994	994	994	993	993	992	991	991	991	991	991	991	991	991	991	991	992	993	992	991	990	990	990	990	990	995	995	995	995	995	995	995	995	994	993	993	993	996	998
rdi	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2
rax	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	1	1	1	1	1	1	[old rax]	[old rax]	[old rax]	[old rax]	[old rax]	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOS+1																994	9										994	12	1																			
TOS		[old bp]	[old bp]	[old bp]	[old bp]	3	3	9	997	997	997	997	2	2	9	994	994	994	994	994	994	994	994	994	994	994	12	2	2	997	997	9	997	997	997	997	997	997	997	997	997	997	997	12	1	3	3	[old bp]	[call elp]
TOS-1		[call elp]	[call elp]	[call elp]	[call elp]	[old bp]	[old bp]	[old bp]	9	9	9	9	9	9	2	9	9	9	9	9	9	9	9	9	9	9	1	997	997	9	9	3	1	1	12	997	997	997	997	997	997	997	1	3	[old bp]	[old bp]	[call elp]	[call elp]
TOS-2		[junk...]	[junk...]	[junk...]	[junk...]	[call elp]	[call elp]	[call elp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	9	997	997	997	997	997	997	997	997	997	997	997	2	9	9	[old bp]	[call elp]	[old bp]	3	3	1	1	1	1	1	1	1	1	12	1	[old bp]	[call elp]	[junk...]
TOS-3						[junk...]	[junk...]	[junk...]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[old bp]	3	3	9	997	997	997	997	997	997	997	997	9	3	[old bp]	[call elp]	[junk...]	[call elp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]		
TOS-4									[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]		
TOS-5															[junk...]	[old bp]	[old bp]	[old bp]	3	3	3	3	3	3	3	3	[junk...]	[junk...]	[junk...]																			
TOS-6																[call elp]	[call elp]	[call elp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]	[old bp]																						
TOS-7																[junk...]	[junk...]	[junk...]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]	[call elp]																						
																			[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]	[junk...]																						