```
fibo:
    push    ebp
    mov ebp, esp
    push    ebx
    sub esp, 4
    call    __x86.get_pc_thunk.ax
    add eax, OFFSET FLAT:_GLOBAL_OFFSET_TABLE_
    cmp DWORD PTR 8[ebp], 0
    jne .L2
    mov eax, 0
    jmp .L3
.L2:
    cmp DWORD PTR 8[ebp], 1
    jne .L4
    mov eax, 1
    jmp .L3
.L4:
    mov eax, DWORD PTR 8[ebp]
    sub eax, 1
    sub esp, 12
    push    eax
    call    fibo
    add esp, 16
    mov ebx, eax
    mov eax, DWORD PTR 8[ebp]
    sub eax, 2
    sub esp, 12
    push    eax
    call    fibo
    add esp, 16
    add eax, ebx
.L3:
    mov ebx, DWORD PTR -4[ebp]
    leave   → mov esp, ebp
    ret       pop ebp
```

No voy a tener en cuenta las llamadas a get.pc.thunk
ni el add eax offset FLAT:_GLOBAL_OFFSET_TABLE

Codigo en C

```c
unsigned int fibo(unsigned int input){
    if (input==0){
        return 0;
    }else if (input==1){
        return 1;
    }
    return fibo(input-1)+fibo(input-2);
}
```