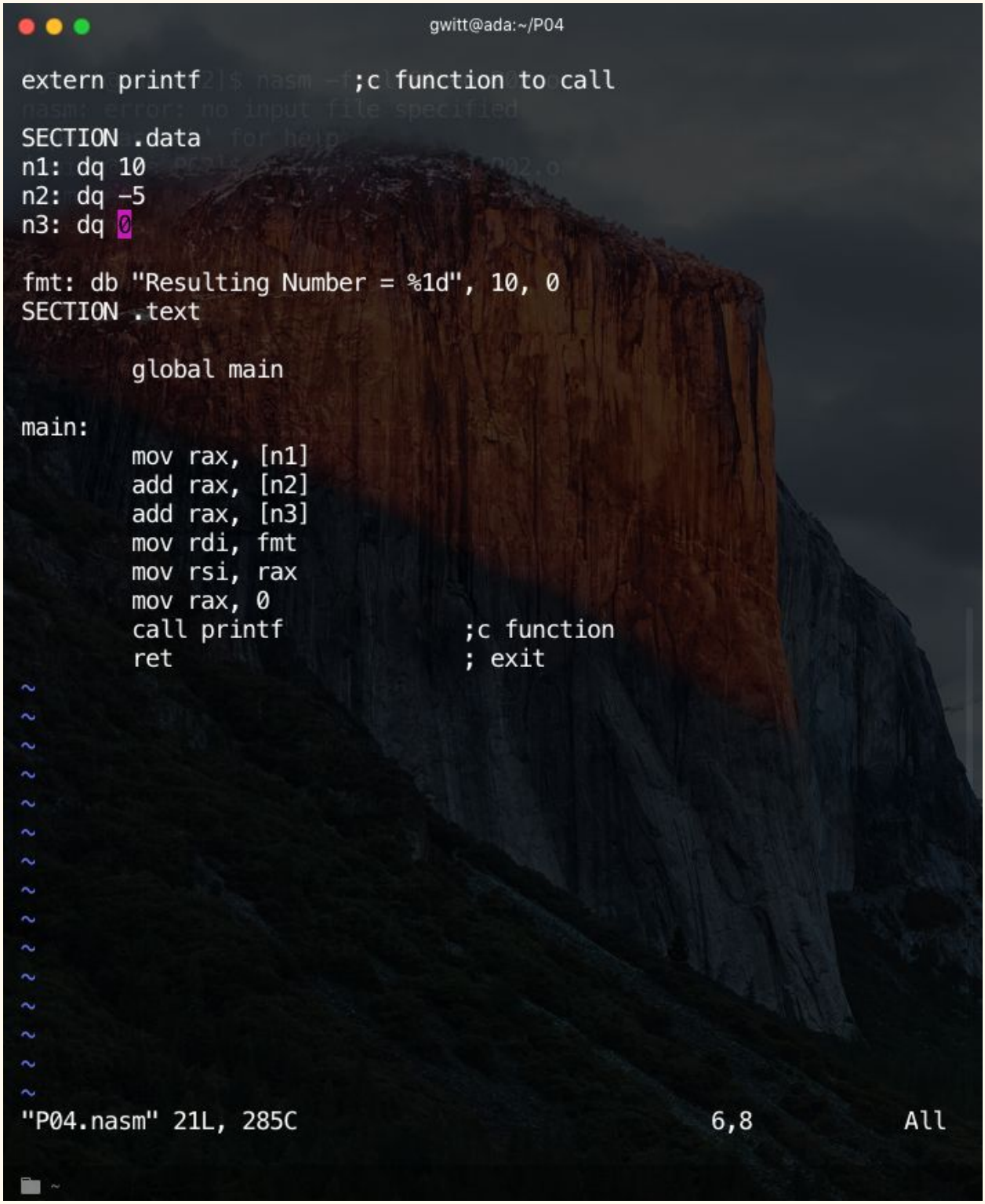
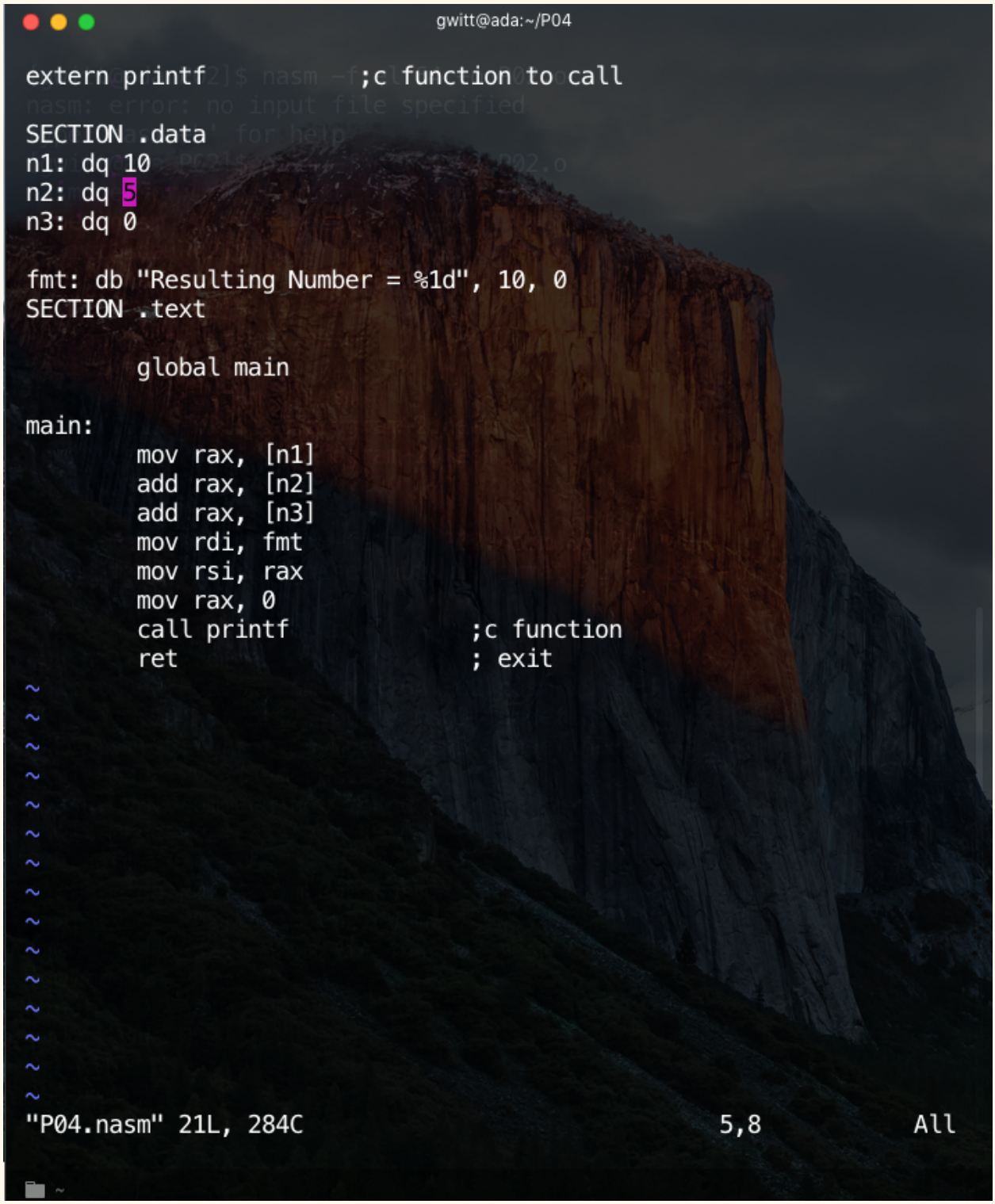
Computer Structures
Greg Witt

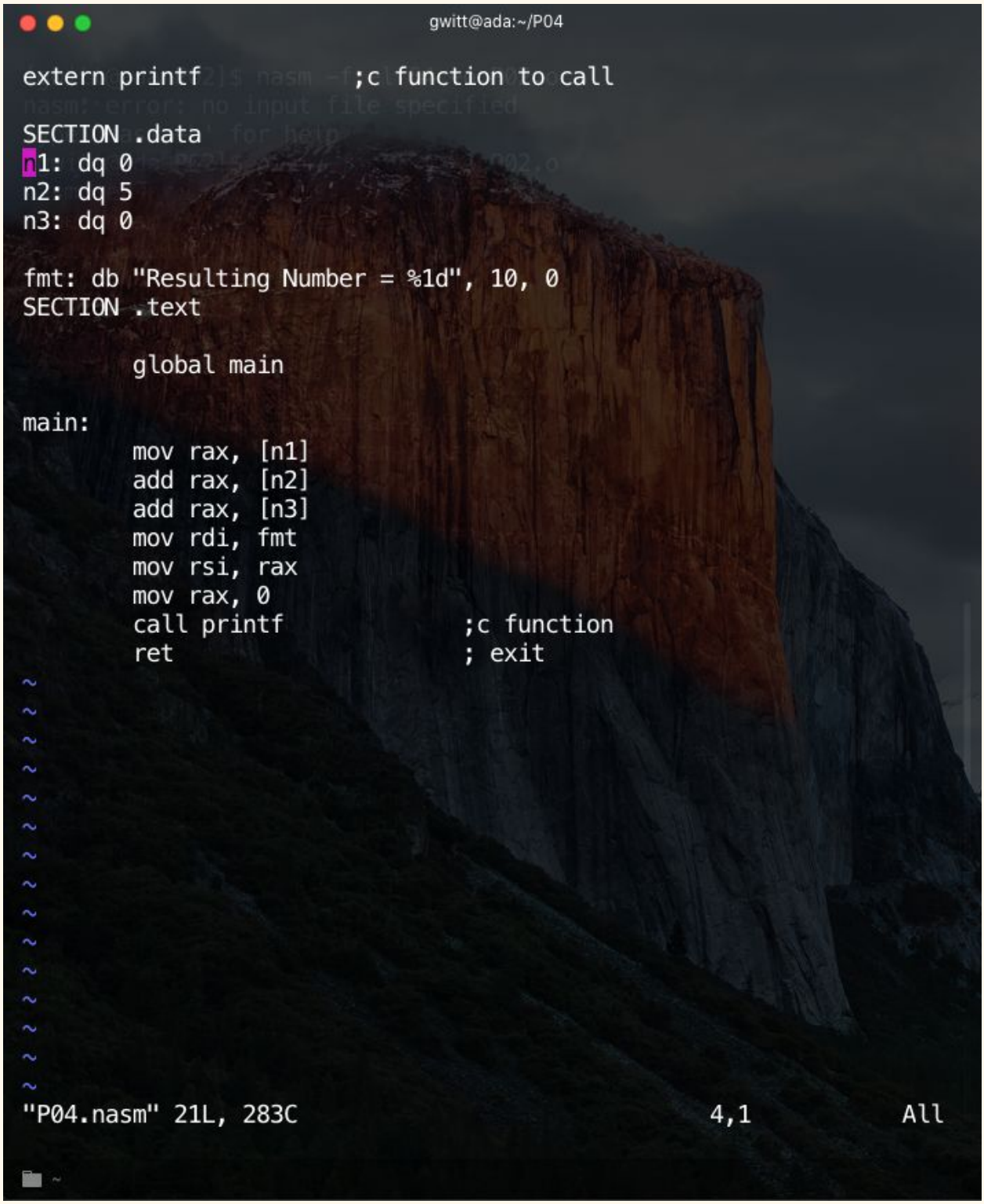
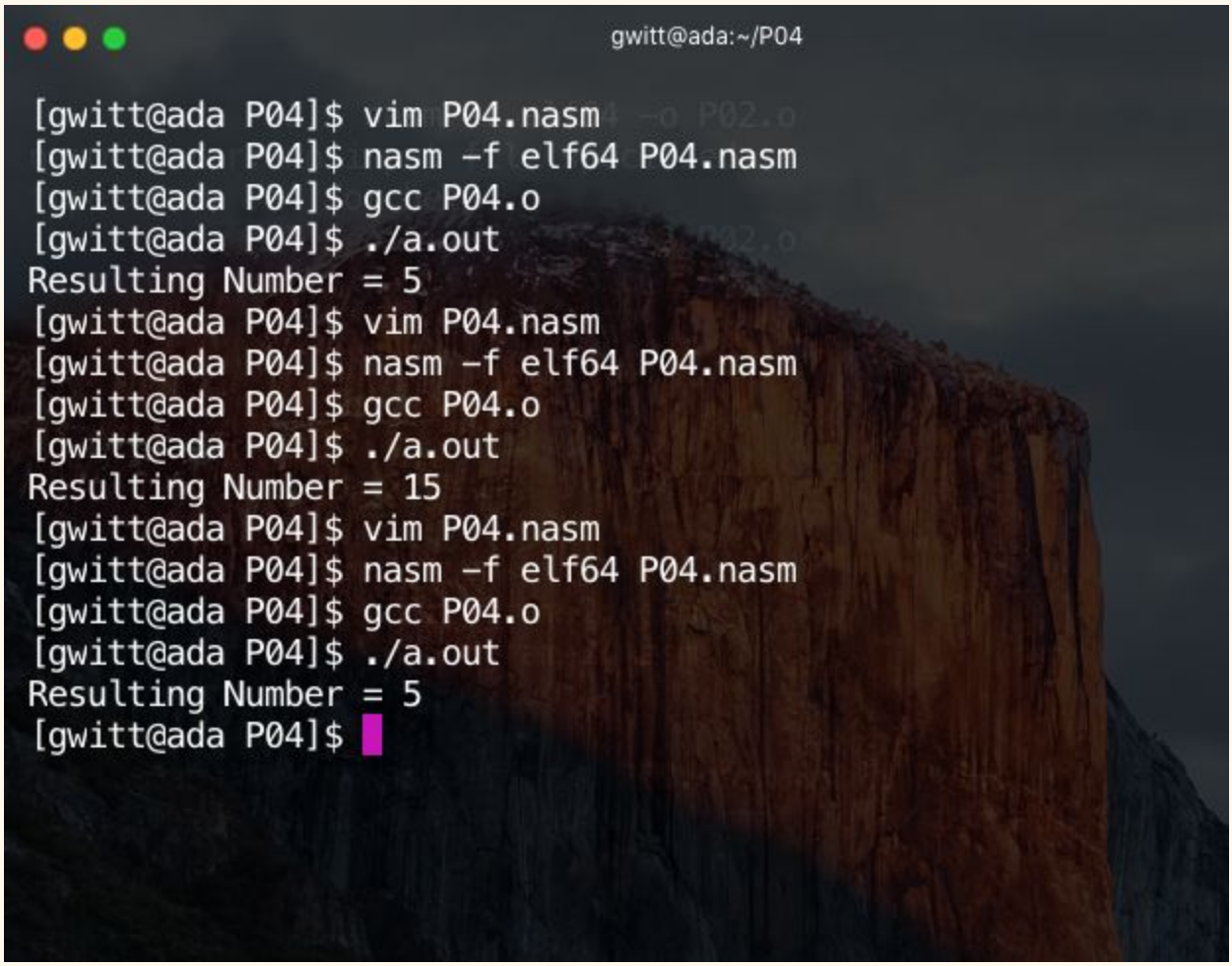
P-04

Login to ADA Via SSH

Code Execution With VIM




gwitt@ada:~/P04
extern printf ;c function to call
SECTION .data
n1: dq 10
n2: dq 5
n3: dq 0
fmt: db "Resulting Number = %1d", 10, 0
SECTION .text
global main
main:
mov rax, [n1]
add rax, [n2]
add rax, [n3]
mov rdi, fmt
mov rsi, rax
mov rax, 0
call printf ;c function
ret ; exit
"P04.nasm" 21L, 284C 5,8 All


gwitt@ada:~/P04
extern printf ;c function to call
SECTION .data
n1: dq 0
n2: dq 5
n3: dq 0
fmt: db "Resulting Number = %1d", 10, 0
SECTION .text
global main
main:
mov rax, [n1]
add rax, [n2]
add rax, [n3]
mov rdi, fmt
mov rsi, rax
mov rax, 0
call printf ;c function
ret ; exit
"P04.nasm" 21L, 283C 4,1 All

Compiled Code via Commands Listed Terminated SSH Connection