Project 3

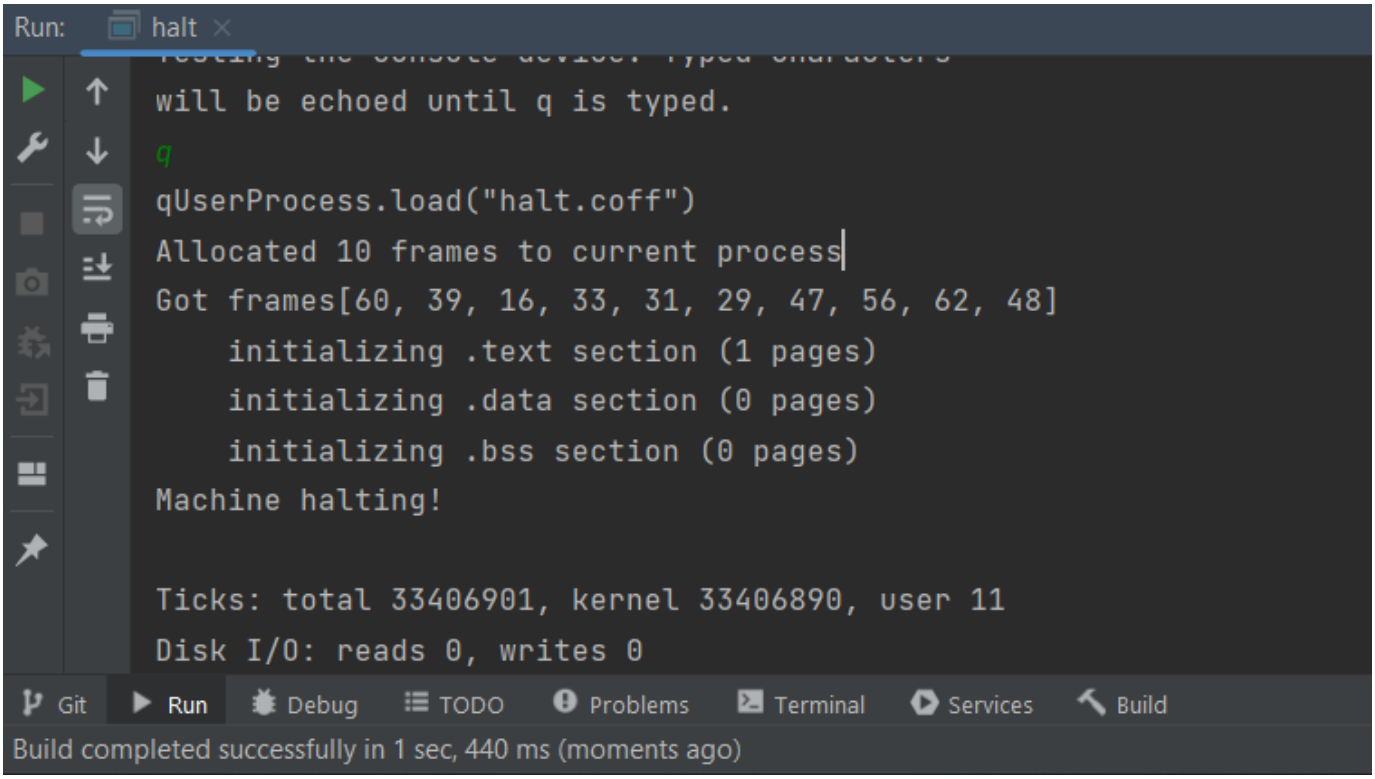
Name: Khai Dong

Part 1: Gradescope

(See Gradescope)

Part 2: Page it!

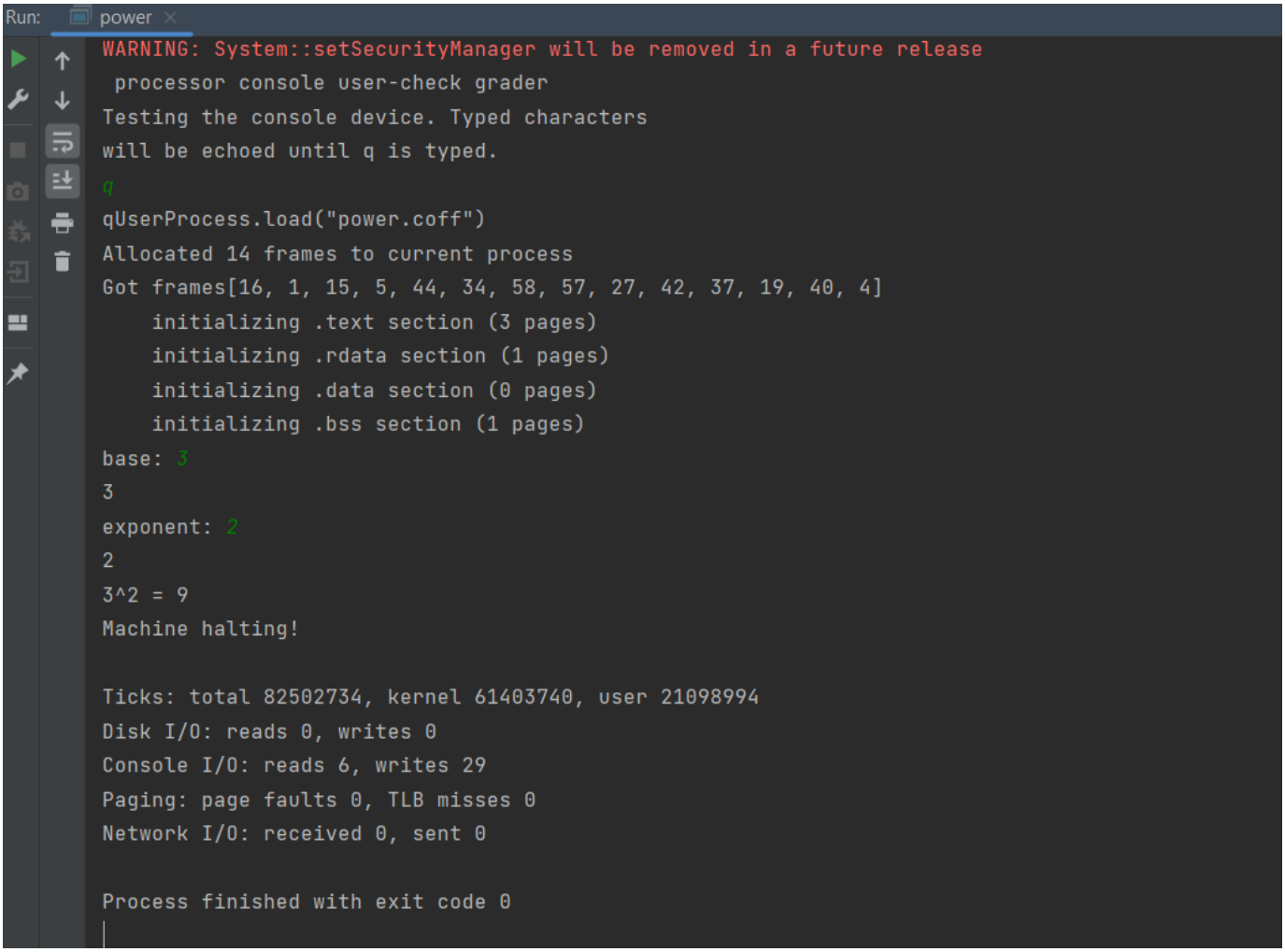
Here is the screenshot of `halt.coff` running in NACHOS.



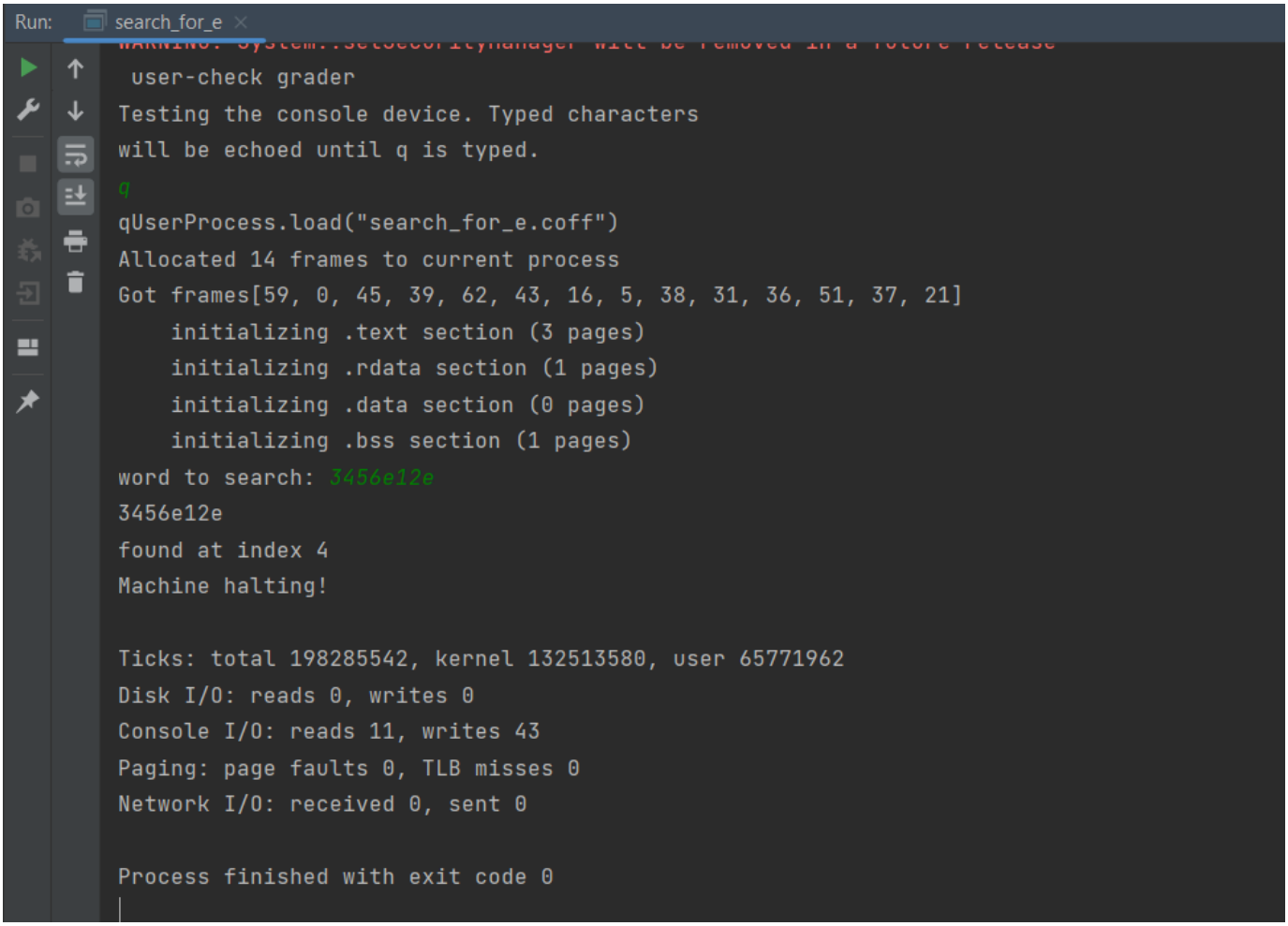
Part 3: System Calls

The screenshots of the working program are below

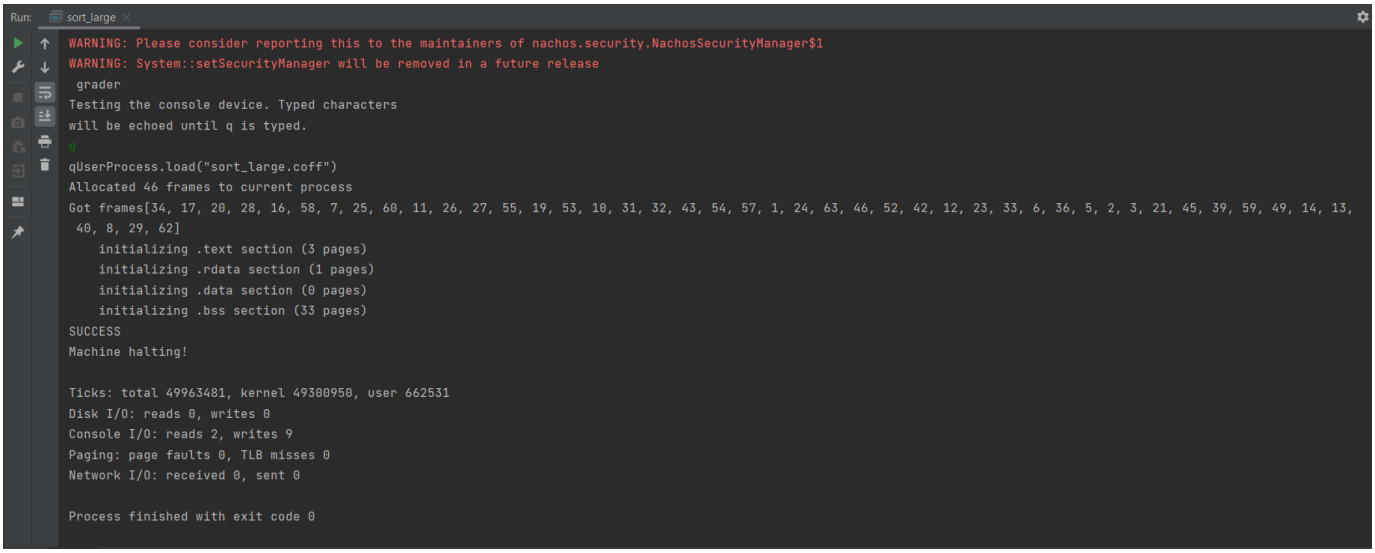
`power.coff`



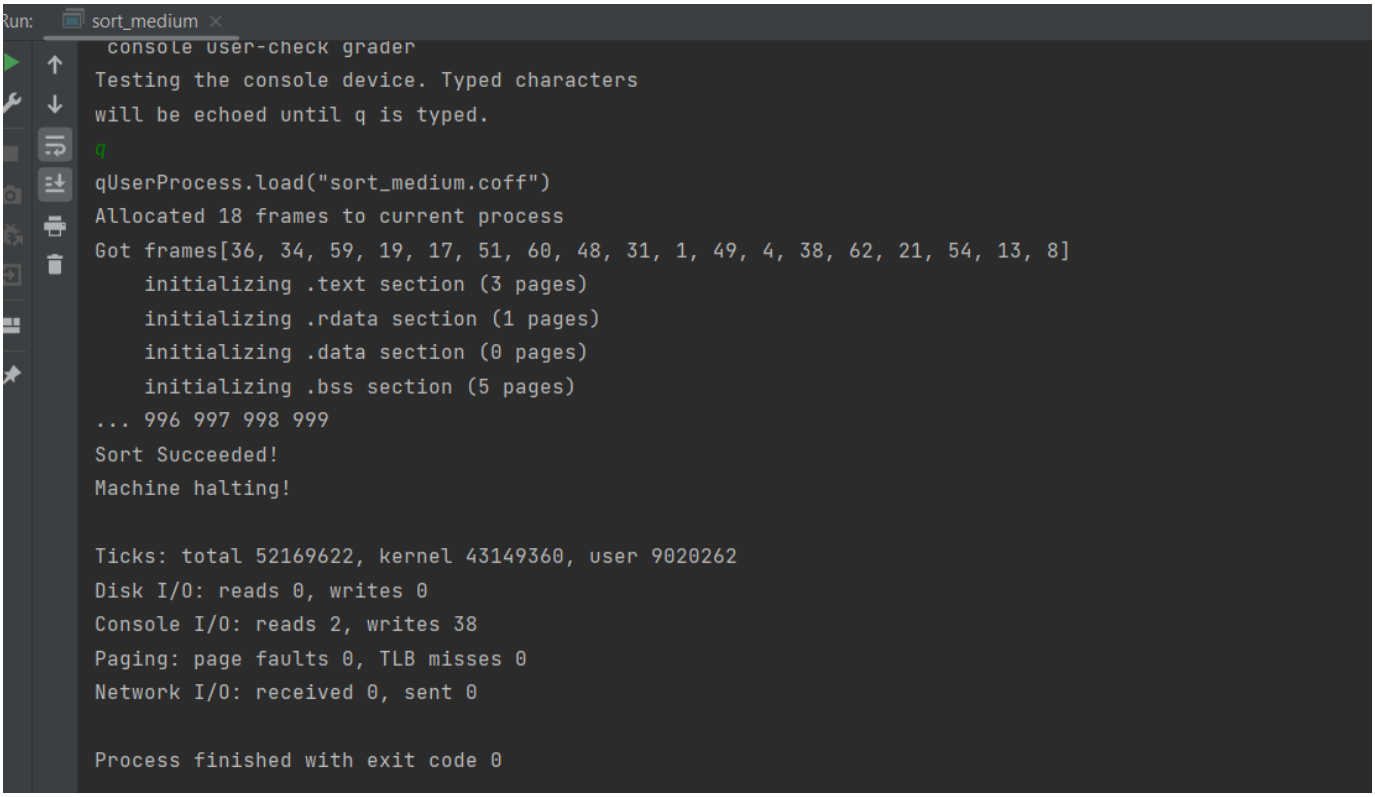
search_for_e.coff



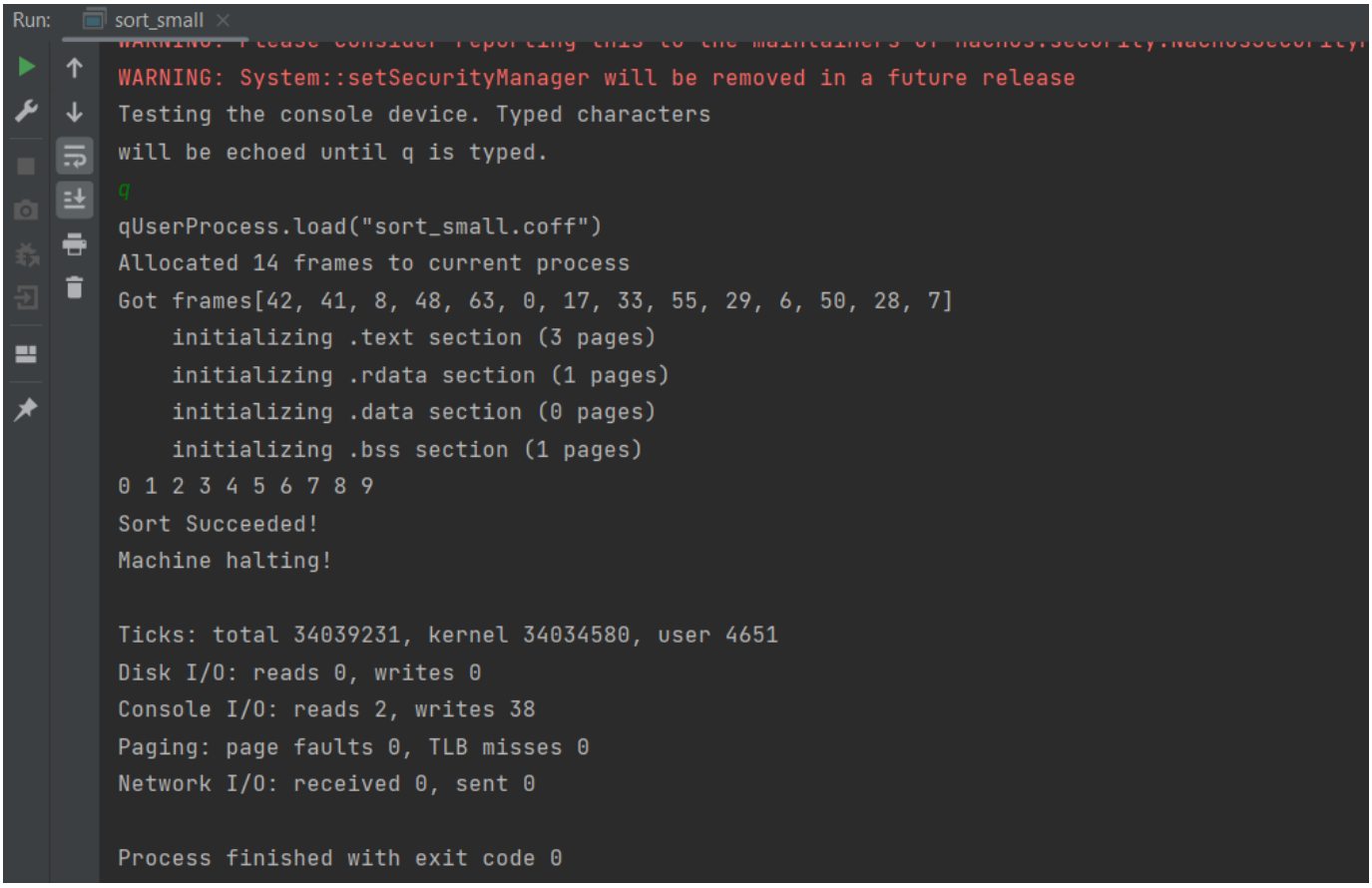
sort_large.coff



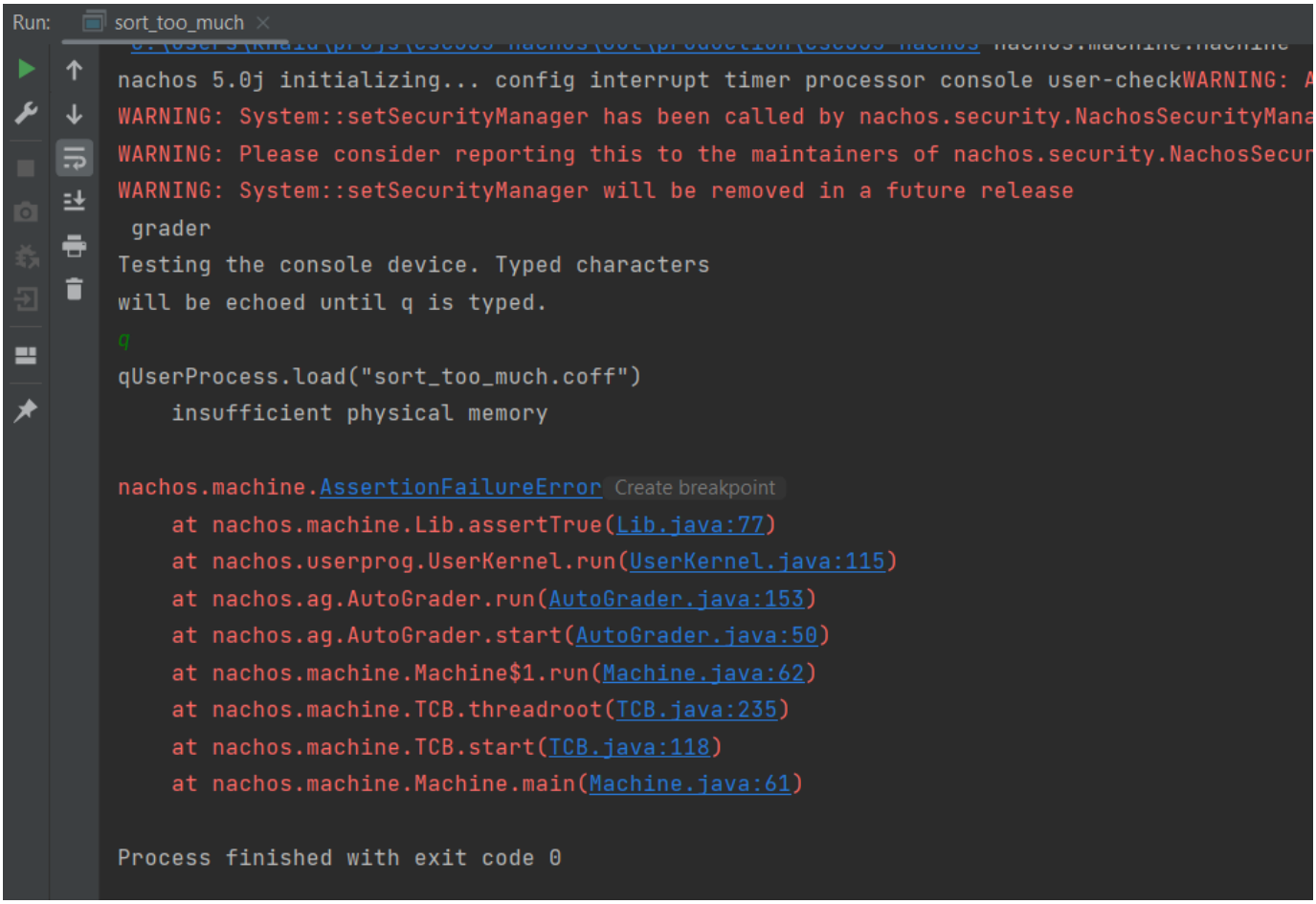
sort_medium.coff



sort_small.coff



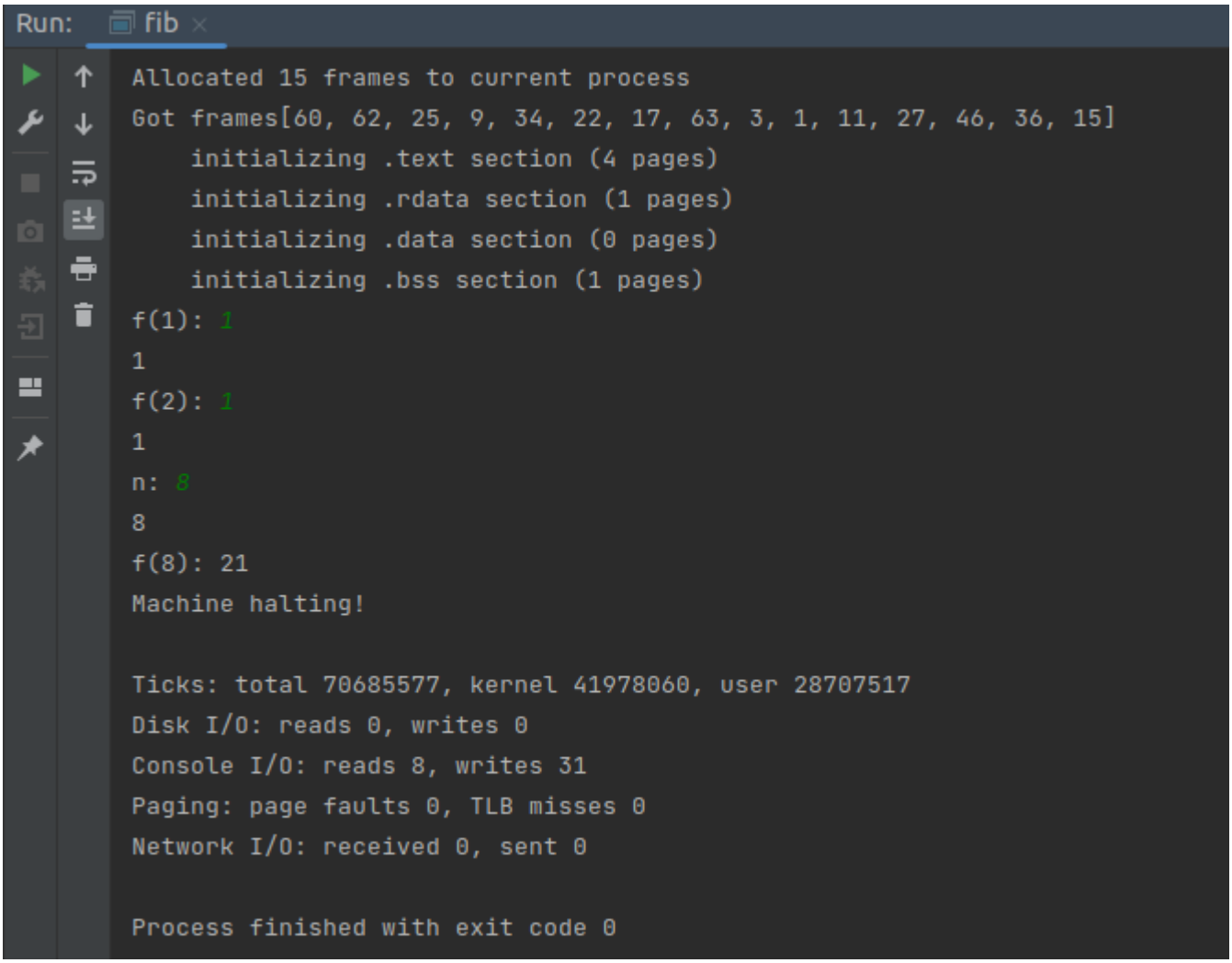
sort_too_much.coff



`fib.coff`

This program prompts the first 2 numbers `f(1)` and `f(2)` of a Fibonacci sequence and an `n`, and compute the `f(n)`, the `n` th Fibonacci number. `n` can be as large as the max of unsigned int and will still give reasonable runtime, but too large of a number can't be stored in `int`.

The Fibonacci sequence up to the 8th number is `1 1 2 3 5 8 13 21`



If given a number less than 1, exit the program. Test system call `exit()` .