COM 402 exercises 2023, session 7: Fuzzing

Exercise 7.1

What is coverage-guided fuzzing, and how does it differ from black-box fuzzing?

Exercise 7.2

Given the following program, how likely is it for a blackbox, greybox, or whitebox fuzzer to find the correct value for user_input?

Exercise 7.3

What is a sanitizer and why is it helpful in fuzzing? Why can certain bugs only be detected when using sanitizers?