

Lab 12 · System Calls (Part II)*Lecturer: Shudong Hao**Date: See Canvas*

This is the second part of the System Call lab, where we are going to use system functions to print out the numbers to the screen.

1 Requirements

- ▶ You should keep working on the file from last time;
- ▶ To print out a string, the system function you want to use is `write()`, with `fd == 1` (standard output);
- ▶ After done with the lab, your program should receive an input x from keyboard (without prompt), and print out x^2 ;
- ▶ Again, you are not allowed to use **any** C library functions such as `printf` and `scanf`. Code with the use of C library functions will receive zero credit.

Deliverable

A single `.s` file.