Overview

1. Warming up (15 min)

- Sign-in & Attendance.
- Review of learned contents.
- Some comments on course setting and goal of teaching.

2. Tools teaching (15 min)

- Review of Git basics: init, status, add, commit, log, diff, push, clone.
- Productivity enhancements. (Typing & editing, package management, etc.)

3. Main Session #1 (20 min)

- Pointer conversions.
- Null pointers.
- First encounter with const.

4. Main Session #2 (40 min)

- Variable length arrays.
- Strings in C language.
- Allocate memory for "2D" arrays.

5. Bonus Application (30 min)

- How to make your code well-structured and easy to maintain? - Take HW2 Gomoku as an example.

Supplementary Materials

- TypingTest | Typing Training
- Scoop | A command-line installer for Windows

wuyh32023@shanghaitech.edu.cn
dinglin12022@shanghaitech.edu.cn