Lab #2

Chapters 1 ~ 2:

`gdb, vi, who2`

Young-Kyoon Suh

Kyungpook National University

Lab #2-1: Practice with `gdb`

- Submit your `gdb` log and history files that were saved after Slide 38 on Chapter 1 – Part 2:
  - `gdb.test.log`
  - `gdb.test.history`

- Debug the code (`test.c`) with `gdb` and submit any fixed code (`test2.c`) fixing the "bug".

Lab #2-2: Writing a Simple C Program in a `vi` Editor

- Using the `vi` editor, write code (`sum.c`) that calculates the sum from 1 to 500.
  - The sample output: "`The sum of 1 to 500 is` <result>."

Lab #2-3: Writing Your Own `who` Program

- Write `who2.c` mentioned on Slides 18-22 in Chapter 2.
  - Compile `who2.c` and compare its result with `who`.
  - Make sure its output should be the same as `who`'s output.

Lab #2: Submission

- Deadline: **Next Thursday** (01:59:59pm) (03/16/2023)
  - Create a directory named '`lab2_s`*<Your_Student_ID>*'.
    - e.g., `$mkdir lab2_s2018111222`
  - Copy all the lab code and files into that directory.
    - Lab #2-1: `gdb.test.log`, `gdb.test.history`, `test2.c`
    - Lab #2-2: `sum.c`
    - Lab #2-3: `who2.c`
    - Command:
      - `$ cp sum.c gdb.* test2.c who2.c lab2_s2018111222`
  - Zip the directory and name it like: `lab2_s2018112544.zip`.
    - Command: `$zip -r lab2_s2018112544.zip lab2_s2018111222`
  - Upload your zip file into LMS.