Lab #5

Chapter 5:

Copy vs link
and `write`

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Lab #5-1: `cp` vs. `ln`

- Referring to Slides 58-59, describe similarities and differences between file copy and file link.
  - 1) `cp` vs. `ln` (hard link)
    - Experiment some (shell) command(s).

  - 2) `cp` vs. `ln -s` (soft link)
    - Experiment some (shell) command(s) to show the similarities and differences of the two programs.
  - Hint. Utilize the '`cat`' and '`ls`' commands with some options.

- Submission: Leave your answer on LMS.

Lab #5-2: Writing the `write0` program

- Write `write0.c` on Slides 11-12 in Chapter 5.

- Compile `write0.c` and compare its result with `write`.
  - Make sure its output should be (almost) the same as `write`'s output.

- Submission: `write0.c` and `write0`

Lab #5: Submission

- Deadline: **Tomorrow Midnight** (11:59:59pm) (03/31/2023)
  - #5-1: Write your answer on LMS directly.

  - #5-2
    - Create a directory named `lab5_s`*<StudentID>*.
    - Copy all the source and executable code into that directory.
    - Zip the directory and name it like: `lab5_s2018112544.zip`.
    - Upload your zip file into LMS.