System Programming
(ELEC462)

Lab #4

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Lab #4-1: Writing `ls1`

- Write `ls1`

  - Source code for submission: `ls1.c`

  - Make sure that your code must work properly

Lab #4-2: Writing `ls2`

- Write `ls2`

  - Source code for submission: `ls2.c`

  - Make sure that your code must work properly

Lab #4-3: Practice with `gdb`

- Submit your `gdb` **log** (`gdb.ls1.log`)

    - To save a log file, we need to set logging on with the following command

    ```
    (gdb)  set logging file gdb.ls1.log
    (gdb)  set logging on
    ```

    - Try "break", "print", "step", and "continue"

    - (Tip) You can see the output appended data as the file grows

    ```
    $ tail -f gdb.ls1.log
    ```

Lab #4: Submission

- Deadline: Tomorrow 11:59pm

  - Create a directory name (`lab4`) to another using a series of the following commands:

    - `mkdir lab4_s<Your_Student_ID>`
      - Assume your ID is **2022000000**.

  - Zip your folder:

    - `zip -r lab4_s2022000000.zip lab4_s2022000000`

- Upload the zipped directory (`lab4_s2022000000.zip`) into LMS