

SERVER PROGRAMMING PRACTICE 1

Teaching Assistance

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- <https://cslab.cbnu.ac.kr>
- Room#330, S4-1 Bldg.
 - or Maybe Room#108
- Contact via kakaotalk or E-mail
 - face to face question also welcome
- Hate to use generative AI when I study something

Today's Goal

Part 1 : Use some basic command

- ls, cp, mv, rm, find
 - EASY maybe

Part 2 : Create linked list via using C language

- need to develop with C language
 - use gcc
- Final mission

* Additional : Find prime number

- need to develop with C language
 - use gcc
- Only those who complete the lab in under an hour

Part 1. basic command

1. check `/practice/[stu_no]/temp` for each student number
2. move all files (contains directories) to home directory
3. remove all empty directories
4. copy all files(without directory) from `/home[stu_no]/temp` to `/home/[stu_no]/prac1`
5. remove directory `temp`

Part 2. Create linked list

1. copy a.txt to c.txt, b.txt to d.txt
2. create and build C program with this RS.

Requirement

- This program must be input by program parameter
 - input will be file (e.g. ./test a.txt b.txt d.txt)
 - Create linked list in the order the input came in
 - This program have 2 function, read and inversed read
 - You need to use skeleton.c, read_right.c, read_inverse.c to make your own code
3. show your compiled program to assistant
 - if you finish under an hour... do additional lab

Additional. Find prime number

1. Create your own code via using vim and GCC
2. create and build C program with this RS.

Requirement

- This program must use Eratosthenes sieve
 - input will be large but in range of integer
 - This program must be input by program parameter
3. show your compiled program to assistant and then you can go

Thank you