Introduction

• Schedule
  • 18:00 ~ 21:45 (Thursday)
  • Lecture room : #400202, Semiconductor Bldg.

• Course homepage
  • http://csl.skku.edu/SSE2032S18/
  • Lecture slides, announcements, exam scores, projects, etc.
About professor

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Questions?
Today’s work

• Constructing development environment for C-programming
  • We will going to use Virtualbox

• Be familiar with terminal using several commands

• Make & run simple “helloworld.c” file
Starting Linux OS

• Run Virtualbox
Terminal

• Click icon or ctrl+alt+t or right click for starting terminal
Basic commands for Linux

• **man**: display the manual page (Important!!)
  
  $ man mkdir (manual page for mkdir command)
  $ man man (manual page for manual)

• **cd**: change directory
  
  $ cd .. (change to upper directory)
  $ cd / (go to root directory)
  $ cd /home/(username)
Basic commands for Linux

• `ls` : lists all files
  
  ```
  $ ls
  $ ls -al
  ```

• `ps` : list processes
  
  ```
  $ ps
  $ ps -ah
  ```
Basic commands for Linux

- **mkdir**: make directories
  `$mkdir test` (make a directory named “test”)

- **mv**: move or rename file
  `$mv test.txt aaa.txt` (rename test.txt into aaa.txt)
  `$mv test.txt ../` (move test.txt to upper directory)

- **cp**: copy files

- **rm**: remove files
  - `-r` option should be attached for folder operation.
Hello_world.c

#include <stdio.h>

int main(void){
    printf(“Hello, world!”);
    return 0;
}

How to compile & run?

- gcc hello_world.c
- ./a.out