### Month 1, Day 2

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#### Linux kernel versioning

```
Ex ) Linux 5.3.0
```

```
Major revision
Version - ( 짝수: Stable, 홀수: Develop )
Minor revision - ( 패치 횟수 )
```

- 1) Get linux kernel source.
- 2) Configuration
- 3) Make
  - 1) Optional: install kernel to current machine

# Linux kernel compile Get linux kernel source

Name	Address
Git	https://git.kernel.org/
Github	https://github.com/torvalds/linux
Mirror	https://mirrors.edge.kernel.org/pub/

Configuration

```
$ make help
Configuration targets:
                  - Update current config utilising a line-oriented program
 config
 nconfig
                  - Update current config utilising a ncurses menu based program
 menuconfig
                  - Update current config utilising a menu based program
```

#### Linux kernel module compile

- 1) Write code
- 2) Write makefile
- 3) Make

#### Qemu Run kernel on virtual environment.

# Qemu Debugging linux kernel

## Sample prob

### Any questions?