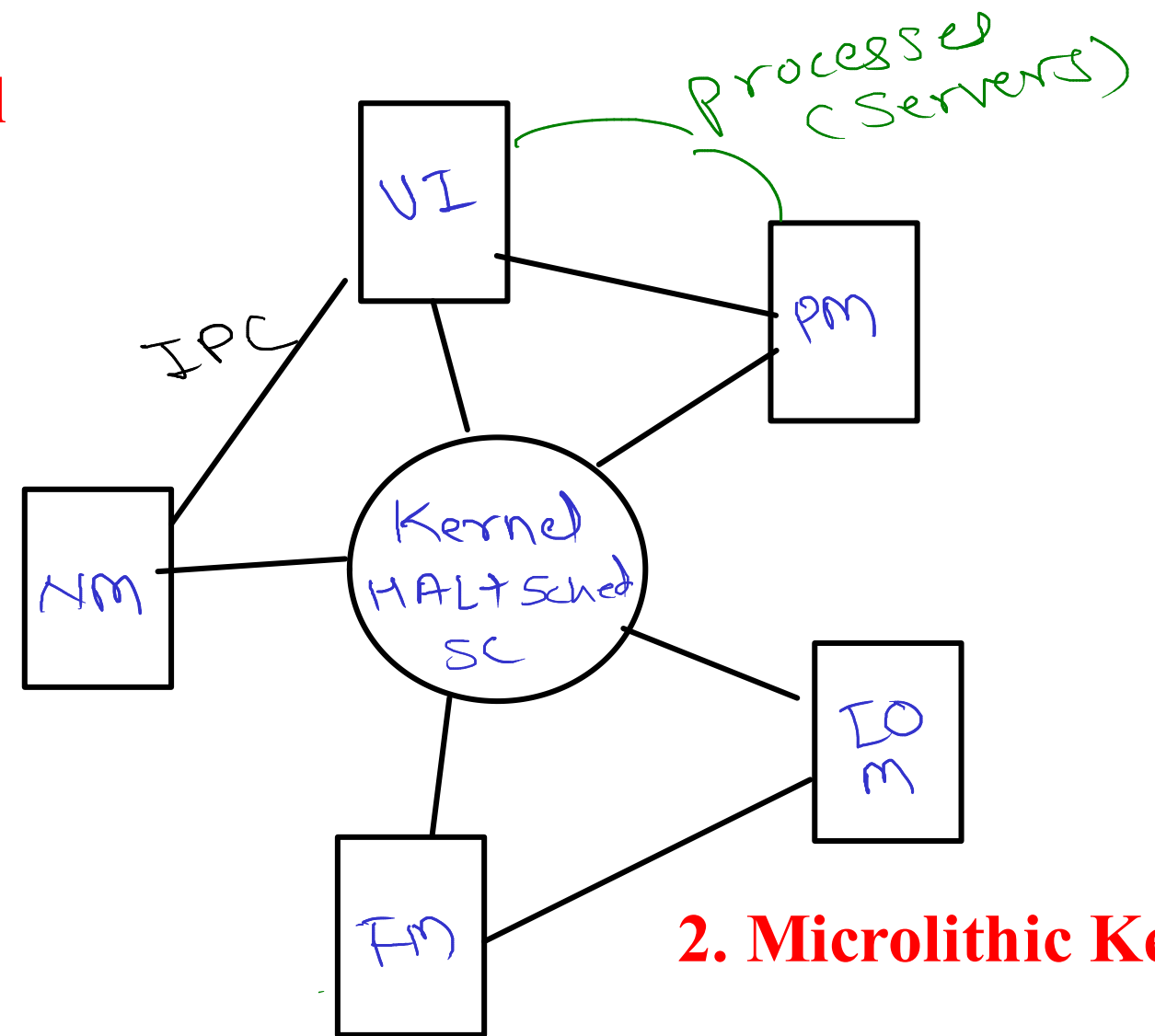
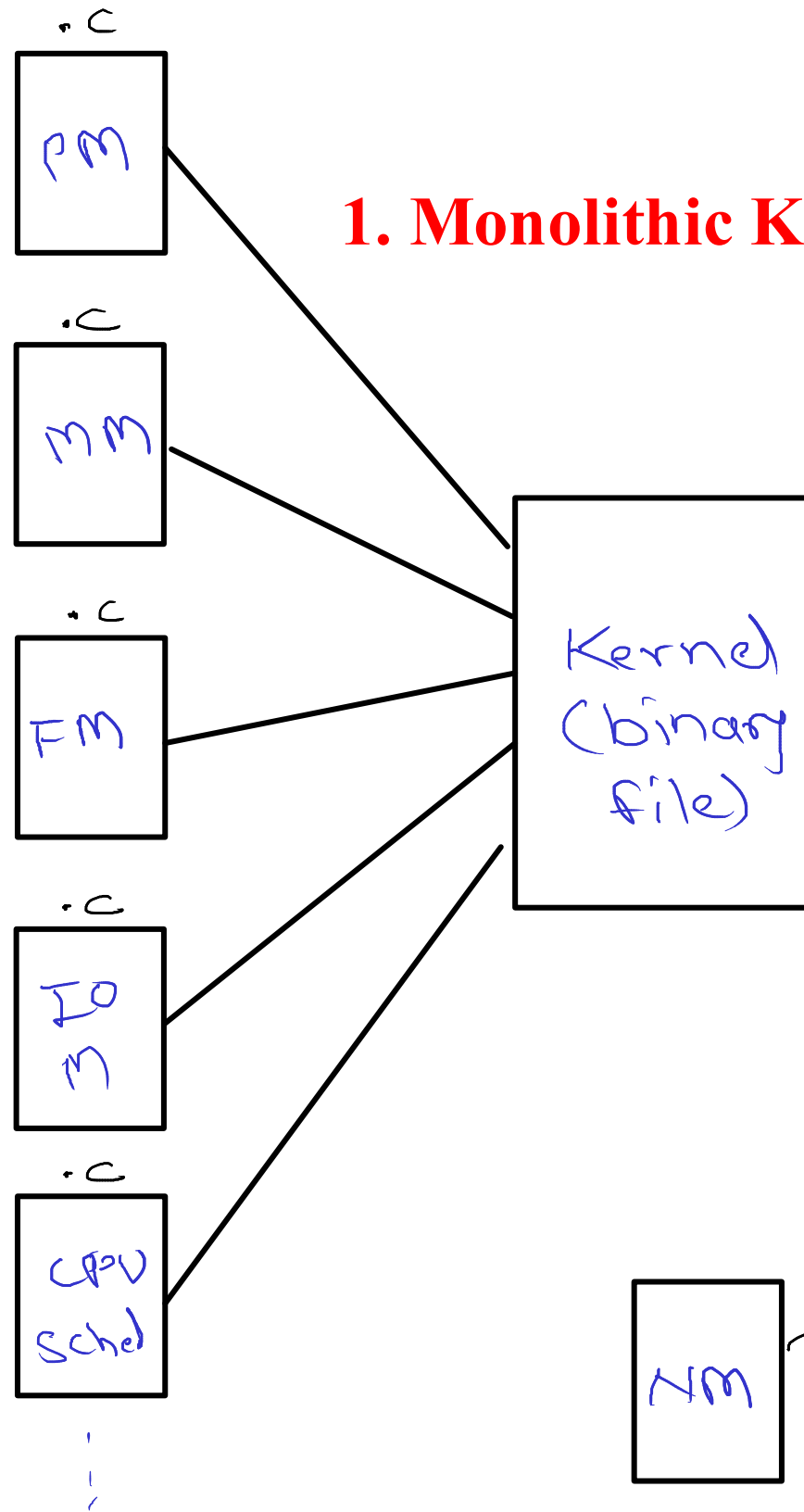
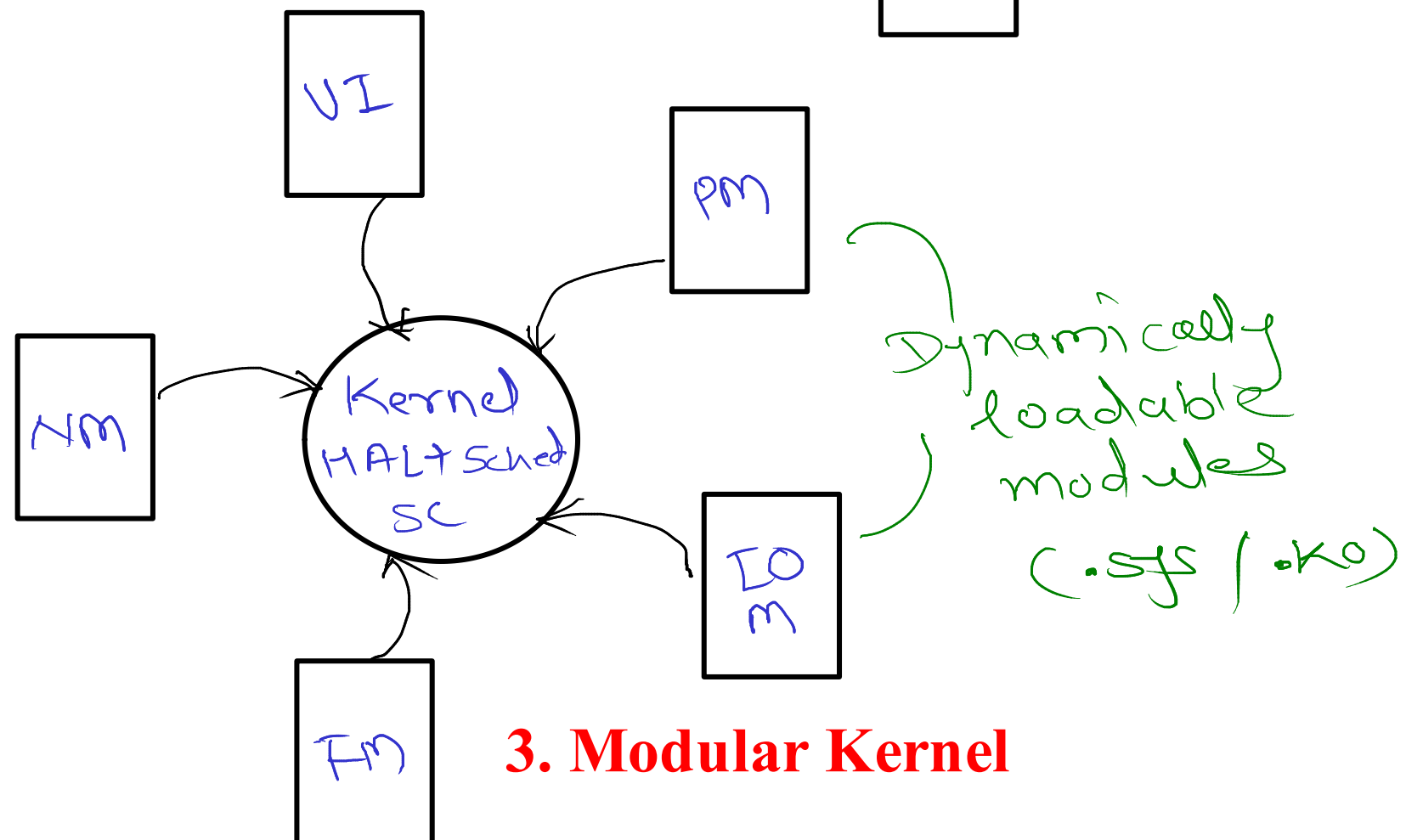


# Kernel

## 1. Monolithic Kernel



## 2. Microlithic Kernel



## 3. Modular Kernel

Linux  
kernel

=

static  
component

+

Dynamic  
Component

- 1> Process management
- 2> CPU scheduling
- 3> Memory management
- 4> IO Subsystem
- 5> Hardware Abstraction
- 6> system call

vmlinux

Location : /boot

1> File systems (FAT/ntfs/  
ext4)

2> Device Drivers

Dynamically loadable  
modules

• ko  
(Kernel Object)

Location : /  
lib/modules/kernelversion