

CSF2600505 Sistem Operasi CSGE602055 Operating Systems osXX: The Lecturer

Rahmat M. Samik-Ibrahim

University of Indonesia

<http://os.vlsm.org/>

Always check for the latest revision!

REV170 21-Nov-2018

Operating Systems 2018-2 (Room 3114)

R/M (Tu/Th 13-15) | I (Tu/Th 15-17)

| Week | Schedule | Topic | OSC10 |
|----------|----------------------|---|-------------------------------------|
| Week 00 | 04 Sep - 12 Sep 2018 | Overview 1, Virtualization & Scripting | Ch. 1, 2, 18. |
| Week 01 | 13 Sep - 19 Sep 2018 | Overview 2, Virtualization & Scripting | Ch. 1, 2, 18. |
| Week 02 | 20 Sep - 26 Sep 2018 | Security, Protection, Privacy, & C-language | Ch. 16, 17 |
| Week 03 | 27 Sep - 03 Oct 2018 | File System & FUSE | Ch. 13, 14, 15 |
| Week 04 | 04 Oct - 10 Oct 2018 | Addressing, Shared Lib, & Pointer | Ch. 9 |
| Week 05 | 11 Oct - 17 Oct 2018 | Virtual Memory | Ch. 10 |
| Reserved | 18 Oct - 19 Oct 2018 | | |
| Mid-Term | 24 Oct 2018 | MidTerm (UTS): 09:00 - 11:30 | |
| Week 06 | 30 Oct - 05 Nov 2018 | Concurrency: Processes & Threads | Ch. 3, 4 |
| Week 07 | 06 Nov - 12 Nov 2018 | Synchronization & Deadlock | Ch. 6, 7, 8 |
| Week 08 | 13 Nov - 21 Nov 2018 | Scheduling | Ch. 5 |
| Week 09 | 22 Nov - 28 Nov 2018 | Disks, BIOS, Loader, & Systemd | Ch. 11 |
| Week 10 | 29 Nov - 05 Dec 2018 | I/O & Programming | Ch. 12 |
| Reserved | 06 Dec - 14 Dec 2018 | | |
| Final | 19 Dec 2018 | Final (UAS): 09:00 - 11:00 | This schedule is subject to change. |
| Extra | 12 Jan 2019 | Extra assignment | |

The Weekly Check List

- ☐ **Resources:** <https://os.vlsm.org/>
 - ☐ **(THIS) Slides** — <https://github.com/UI-FASILKOM-OS/SistemOperasi/tree/master/pdf/>
 - ☐ **Demos** — <https://github.com/UI-FASILKOM-OS/SistemOperasi/tree/master/demos/>
 - ☐ **Extra** — BADAK.cs.ui.ac.id:///extra/
 - ☐ **Problems** — rms46.vlsm.org/2/195.pdf, [196.pdf](http://rms46.vlsm.org/2/196.pdf), ..., [205.pdf](http://rms46.vlsm.org/2/205.pdf)
- ☐ **Text Book:** any recent/decent OS book. Eg. **(OSC10)** Silberschatz et. al.: **Operating System Concepts**, 10th Edition, 2018.
- ☐ Encode your **QRC** with size upto 7cm x 7cm (ca. 400x400 pixels):
"OS182 CLASS ID SSO-ACCOUNT Your-Full-Name"
- ☐ For **Week 00**, send your **embedded QRC before the 2nd lecture**
<mailto:operatingsystems@vlsm.org>
With Subject: OS182 CLASS ID SSO-ACCOUNT Your-Full-Name
- ☐ Write your Memo (with QRC) **every week**.
- ☐ Login to badak.cs.ui.ac.id via kawung.cs.ui.ac.id for at least **10 minutes** every week. Copy the weekly demo files to your own home directory.
Eg. (Week00): `cp -r /extra/Week00/W00-demos/ W00-demos/`

Agenda

- 1 Start
- 2 Schedule
- 3 Agenda
- 4 About and how to contact the Lecturer
- 5 The End (Ignore It)

About and how to contact the Lecturer

- Rahmat M. Samik-Ibrahim
- Bekerja di Universitas Indonesia: sejak 1984¹.
- Pengguna GNU/Linux: sejak 1994.
- VauLSMorg (vlsm.org): sejak 1996.
- Blog: rahmatm.samik-ibrahim.vlsm.org/
 - Blog: 2016/08/panggil-saya-rahmat.html
 - Blog: 2013/10/kumpulan-hal.html
 - Blog: 2011/08/ibu-ke-pasar-membeli-ayam.html
- Facebook: facebook.com/RMS46F/
 - Page Only: No need to be "**ADDED**"
 - You can "**Like**" it, "**Follow**" it, or "**Share**" it.

For Q & A, use WhatsApp Group **OperatingSystems**
(info +62-881-456-XXXX)
Email (Subject:[**HELP**]) operatingsystems@vlsm.org

¹MDCCXXXIV — Universitas Goettingen didirikan: 1734

TOP 10 REALITA

- 1 Nama saya **Rahmat**. Rahmat nama saya. Kalau bukan Rahmat, bukan nama saya!
- 2 Jangan datang lebih lambat dari pada Pengajar! Terdapat dua kesempatan untuk menyusul masuk kelas: T+15 menit dan setelah istirahat.
- 3 Jangan berisik/asyik sendiri dalam kelas dan jangan main "*games*" dan "*chat*" dengan "*gadget*" anda!
- 4 Jangan lupa mempersiapkan diri untuk berpartisipasi dalam kelas!
- 5 Jangan lupa membawa selembaar kertas (+QRC) untuk membuat memo kuliah!
- 6 Memo kuliah (+QRC) tersebut yang boleh dibawa saat UTS dan UAS.
- 7 Jangan curang!
- 8 Jangan meminjam peralatan selama kuis dan ujian!
- 9 Jangan menghubungi Pengajar untuk masalah Administratip!
- 10 Jangan menjadi "*Puss in Boot*"!

Jangan menjadi Puss In Boot



Figure: Ini Puss in Boot¹.

¹This is a fair use of a DreamWorks/Paramount Picture character.

The End (Ignore It)

GAUDEAMUS IGITUR

Gaudeamus igitur. Iuvenes dum sumus. Post iucundam iuventutem. Post molestam senectutem. Nos habebit humus. Ubi sunt qui ante nos. In mundo fuere? Vadite ad superos. Transite in inferos. Hos si vis videre.

```
#include <stdio.h>
```

```
void main() {  
    printf("Vita nostra brevis est. Brevi finietur.\n");  
    printf("Venit mors velociter. Rapit nos atrociter.\n");  
    printf("Nemini parcetur.\n\n");  
}
```

- ☐ Vivat academia! Vivant professores!
- ☒ Vivat membrum quodlibet; Vivant membra quaelibet;
 - 「 Semper sint in flore 」.