

CSF2600505 Sistem Operasi CSGE602055 Operating Systems osXX: The Lecturer

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

Always check for the latest revision!

REV233 09-Sep-2020

Operating Systems 2020-2 – (A, I, M) from HOME

A/M [Tu 10-12, ZOOM] — I [Tu 08-10, ZOOM]

| Week | Schedule | Topic | OSC10 |
|---------|-------------------------------------|---|----------------|
| Week 00 | 15 Sep - 21 Sep 2020 | Overview 1, Virtualization & Scripting | Ch. 1, 2, 18. |
| Week 01 | 22 Sep - 28 Sep 2020 | Overview 2, Virtualization & Scripting | Ch. 1, 2, 18. |
| Week 02 | 29 Sep - 05 Oct 2020 | Security, Protection, Privacy, & C-language | Ch. 16, 17 |
| Week 03 | 06 Oct - 12 Oct 2020 | File System & FUSE | Ch. 13, 14, 15 |
| Week 04 | 13 Oct - 19 Oct 2020 | Addressing, Shared Lib, & Pointer | Ch. 9 |
| Week 05 | 20 Oct - 26 Oct 2020 | Virtual Memory | Ch. 10 |
| Week 06 | 27 Oct - 16 Nov 2020 29 Oct 2020 | Concurrency: Processes & Threads Maulid Nabi | Ch. 3, 4 |
| Week 07 | 17 Nov - 23 Nov 2020 | Synchronization & Deadlock | Ch. 6, 7, 8 |
| Week 08 | 24 Nov - 30 Nov 2020 | Scheduling + W06/W07 | Ch. 5 |
| Week 09 | 01 Dec - 07 Dec 2020 | Storage, Firmware, Bootldr, & Systemd | Ch. 11 |
| Week 10 | 08 Dec - 16 Dec 2020 | I/O & Programming | Ch. 12 |
| | 09 Dec 2020 | Pil Kada | |

STARTING POINT — <https://os.vlsm.org/>

- **Text Book** — Any recent/decent OS book. Eg. (**OSC10**) Silberschatz et. al.: **Operating System Concepts**, 10th Edition, 2018. See also <http://codex.cs.yale.edu/avi/os-book/OS10/>.
- **Resources**
 - **Extra Scele from Home** — <https://scele.cs.ui.ac.id/course/view.php?id=3020>.
 - **Download Slides and Demos from GitHub.com** <https://github.com/UI-FASILKOM-OS/SistemOperasi/>
 - **Problems** — <https://rms46.vlsm.org/2/>:
195.pdf (W00), 196.pdf (W01), 197.pdf (W02), 198.pdf (W03),
199.pdf (W04), 200.pdf (W05), 201.pdf (W06), 202.pdf (W07),
203.pdf (W08), 204.pdf (W09), 205.pdf (W10).
- **Build your own Virtual Guest**
<https://osp4diss.vlsm.org/>

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: <https://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
- (Almost) no social media!
 - 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

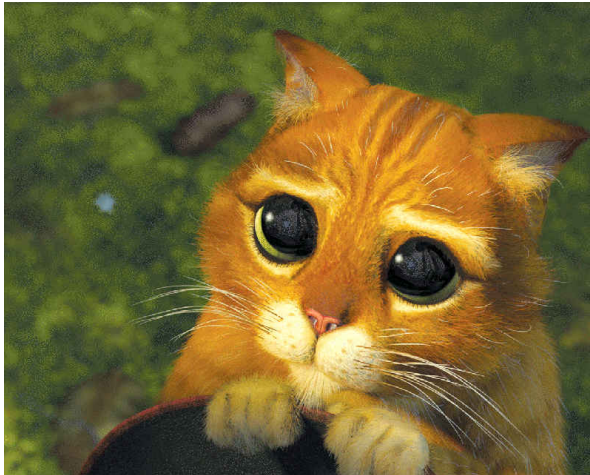


Figure: Ini Puss in Boot¹.

¹This is a fair use of a DreamWorks/Pearlman Pictures 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 」.