# CSGE602055 Operating Systems CSF2600505 Sistem Operasi LeftOver

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http://os.vlsm.org/
Always check for the latest revision!

REV190 07-Feb-2019

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# **LeftOver**



The Check List (Operating Systems)
☐ Starting Point: http://os.vlsm.org/
☐ <b>Text Book</b> : any recent/decent OS book but map it to <b>OSC10</b> .
☐ Create <b>public</b> project "os182" on your github.com account.
$\Box$ Create file "README.md" and add an extra line every week. For e.g. 1:
ZCZC Sistem Operasi 2018 Awal (1)
ZCZC W01 Have tried demo for week 01.
ZCZC W02 Week 02 is done.
ZCZC W03 Week 03 is done.
☐ Encode your <b>QRC</b> with image size of approximately 250x250 pixels:
"OS181 CLASS ID GITHUB-ACCOUNT SSO-ACCOUNT SIAK-Full-Name"
Special for Week 00: Mail your embedded QRC to:
operatingsystems@vlsm.org with Subject: [W00] CLASS ID
SIAK-NAME.
☐ Write your Memo (with QRC) <b>every week</b> .
☐ Using your <b>SSO</b> account, login to badak.cs.ui.ac.id via
kawung.cs.ui.ac.id.
☐ Check folder badak:///extra/Week00/
☐ Every week, copy the weekly demo files to your own home directory.
Eg. for Week00:
cp -r /extra/Week00/W00-demos/ W00-demos/

 $<sup>^1\</sup>mbox{Week 00 line}$  is optional. The following "ZCZC WXX" weekly tags are mandatory.

#### Resources

- Text Book: any recent/decent OS book. Eg. (OSC10) Abraham Silberschatz, Peter B. Galvin, Greg Gagne: Operating System Concepts, 10<sup>th</sup> Edition, 2018.
- (GITHUB)
  https://github.com/UI-FASILKOM-OS/SistemOperasi/
  - (DEMO) demos/
  - (SLIDE) pdf/
- (UJIAN) http://rms46.vlsm.org/2/195.pdf 205.pdf
- (BADAK) BADAK:///extra/

# Bahan Presentasi: http://rms46.vlsm.org/2/207.html



Figure: https://github.com/UI-FASILKOM-OS/os182/tree/master/pdf

#### Bahan Demo

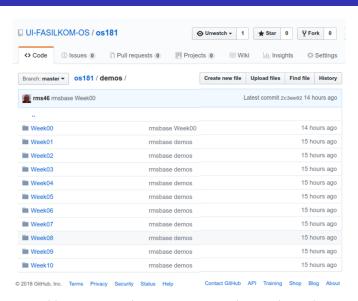


Figure: https://github.com/UI-FASILKOM-OS/os182/tree/master/demos

# Arsip SCELE

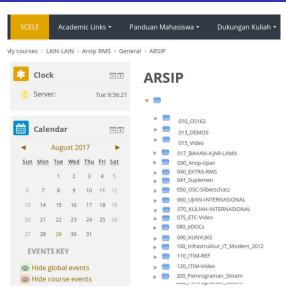


Figure: Lihat juga BADAK.cs.ui.ac.id:///extra/

# Github (New) Account 1

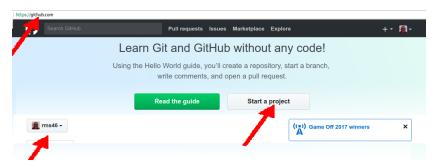


Figure: Start a new project by "rms46".

# Github (New) Account 2

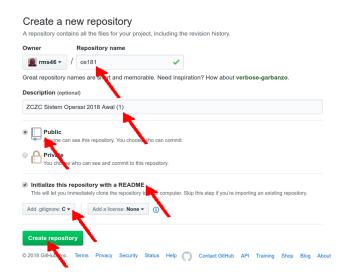


Figure: Create public repository "os182" with a README.md file

# Github (New) Account 3



Figure: Public project "os182" by "rms46" at https://github.com/rms46/os182

# WSL: Windows Subsystem for Linux

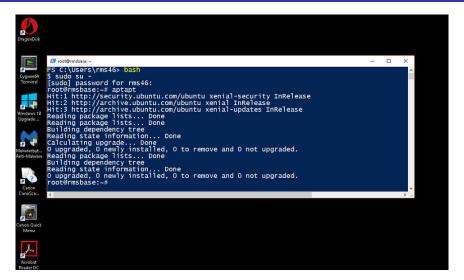


Figure: WSL: Windows Subsystem for Linux

## Cygwin

```
-/demos/week00-introduction
rms46@rmsbase ~/demos/week00-introduction
$ export PS1='\w \$
~/demos/week00-introduction $ 1s -al
total 14
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 04:41 .
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 03:42 ...
-rw-r--r-- 1 rms46 rms46 250 Aug 16 03:42 c-program-example.c
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 03:42 directory
-rw-r--r-- 1 rms46 rms46 240 Aug 16 03:42 Makefile
~/demos/week00-introduction $ make
qcc -o c-program-example c-program-example.c
~/demos/week00-introduction $ 1s -al
total 78
drwxr-xr-x+ 1 rms46 rms46
                              0 Aug 16 04:42 .
drwxr-xr-x+ 1 rms46 rms46
                              0 Aug 16 03:42 ...
                            250 Aug 16 03:42 c-program-example.c
-rw-r--r-- 1 rms46 rms46
-rwxr-xr-x 1 rms46 rms46 62483 Aug 16 04:42 c-program-example.exe
drwxr-xr-x+ 1 rms46 rms46
                              0 Aug 16 03:42 directory
-rw-r--r-- 1 rms46 rms46
                            240 Aug 16 03:42 Makefile
~/demos/week00-introduction $ ./c-program-example.exe
This is program #1
~/demos/week00-introduction $ ls -al directory/
total 13
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 03:42 .
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 04:42 .
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file1
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file2
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file3
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file4
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file5
~/demos/week00-introduction $
```

Figure: Cygwin

#### Week 00: Problems

- Tugas Minggu 00 (Week 00) ada dua:
  - membuat QRC dan mengirimkannya via email.
  - membuat Memo Minggu 00 yang ada QRC, serta ditunjukkan pada saat istirahat kuliah hari ke dua.
- "TANDA PETIK" BUKAN merupakan bagian dari QRC!
- Jangan mencantumkan ".git" dan ".sso", jika bukan bagian dari nama akun anda!
- Tanpa header [W00] pada Subject; email anda mungkin akan nyasar entah kemana... Ingat: [W00] (We-Nol-Nol) tidak sama dengan [W00] (We-O-O)!
- Ukuran QRC cukup sekitar 256 x 256 pixel: jangan terlalu besar atau terlalu kecil.
- QRC ditanam (embedded) dalam email; jangan menggunakan attachment!
- Jangan mengirim MEMO dalam format PDF!

#### Week 00: Check List

Starting Week 01: TABULA RASA is not accepted anymore! Find/copy this document from http://os.vlsm.org/ Find/read a recent/decent OS Book and map it to **OSC10**. Using your SSO account, login to badak.cs.ui.ac.id via kawung.cs.ui.ac.id. ☐ Check folder badak:///extra/Week00/ Try to copy and compile c-program-example.c. QR Code: (Eg) "OS182 X 1253755125 demo Demo Suremo" Mailto: operatingsystems@vlsm.org (Eg.) Subject: OS182 X 1253755125 demo Demo Suremo Write "Memo Week00" + your QRC. How to improve this document?

### The End

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- This is the end of the presentation.

# Week 00: Self Service Assignments

- Create project (PUBLIC) "os182" on your new (or existing) github.com account.
- (Week 00) QRCode<sup>1</sup>: "OS182 CLASS ID GITHUB-ACCOUNT SSO-ACCOUNT SIAK-Full-Name"
- (Weekly) Memo.
- Informasi Kuliah, Arsip Ujian, dan Demo
  - badak.cs.ui.ac.id:/extra/
  - https://github.com/UI-FASILKOM-OS/os182
  - https://rms46.vlsm.org/2/195.pdf [195.pdf 205.pdf].
- Which BASH Account?
  - Virtual Ubuntu: badak.cs.ui.ac.id (SSO)
  - Ubuntu (BYOD)
  - WSL: Windows 10 Subsystem for Linux
  - Cygwin (Windows)

<sup>&</sup>lt;sup>1</sup>"QR Code" is a registered trademark and wordmark of Denso Wave Inc.

#### Week 01: Problems

- Tugas Minggu 01 (Week 01) ada dua:
  - Memo Week01: to be checked at break of the first lecture of WEEK 01.
  - Try Demo Week01 and write in "README.md" (os181), something like: "ZCZC W01 Telah mencoba demo Week01".



Figure: README.md: ZCZC W01 ...

#### Week 02: Problems

- Tugas Minggu 02 (Week 02) ada dua:
  - Memo Week02: to be checked at break of the first lecture of WEEK 01.
  - Try Demo Week02 and write in "README.md" (os181), something like: "ZCZC W02 Demo: done!".

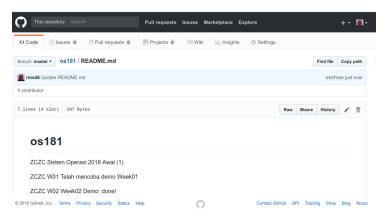


Figure: README.md: ZCZC W02 Demo: done!

### The End

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- This is the end of the presentation.