

오픈소스 소프트웨어 실습

Open-Source Software Lab

#2

실습 담당 조교 연락처

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◆ 과제 제출 및 문의 - 이메일

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Linux

- ◆ ssh를 이용하여 실습 예정
- ◆ Window : WSL / Virtual Box /
Putty <https://www.putty.org/>
- ◆ Mac : Terminal
- ◆ Ubuntu Desktop 20.04 LTS
<https://releases.ubuntu.com/20.04/> Desktop img

Windows – Putty (1)

<https://putty.org/>



Download PuTTY

PuTTY is an SSH and telnet client, developed originally by Simon Tatham for the Windows platform. PuTTY is open source software that is available with source code and is developed and supported by a group of volunteers.

You can download PuTTY [here](#).

Package files

You probably want one of these. They include ver

(Not sure whether you want the 32-bit or the 64-

MSI ('Windows Installer')

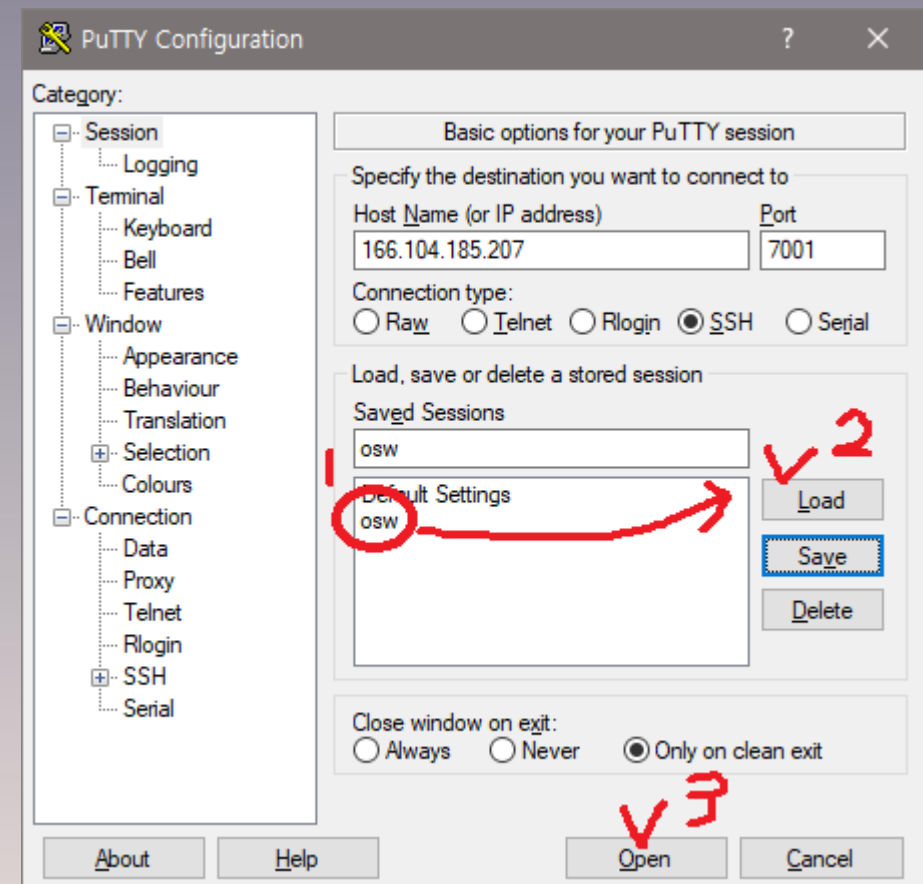
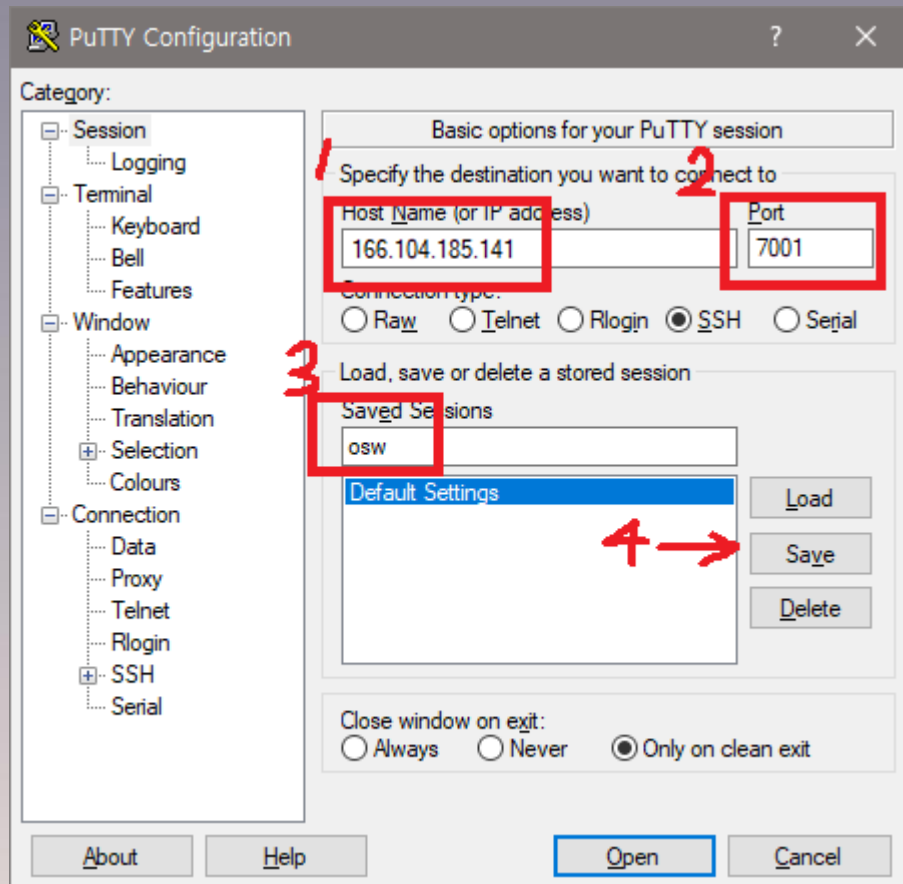
64-bit x86: [putty-64bit-0.74-installer.msi](#)

64-bit Arm: [putty-arm64-0.74-installer.msi](#)

32-bit x86: [putty-0.74-installer.msi](#)

Windows – Putty (2)

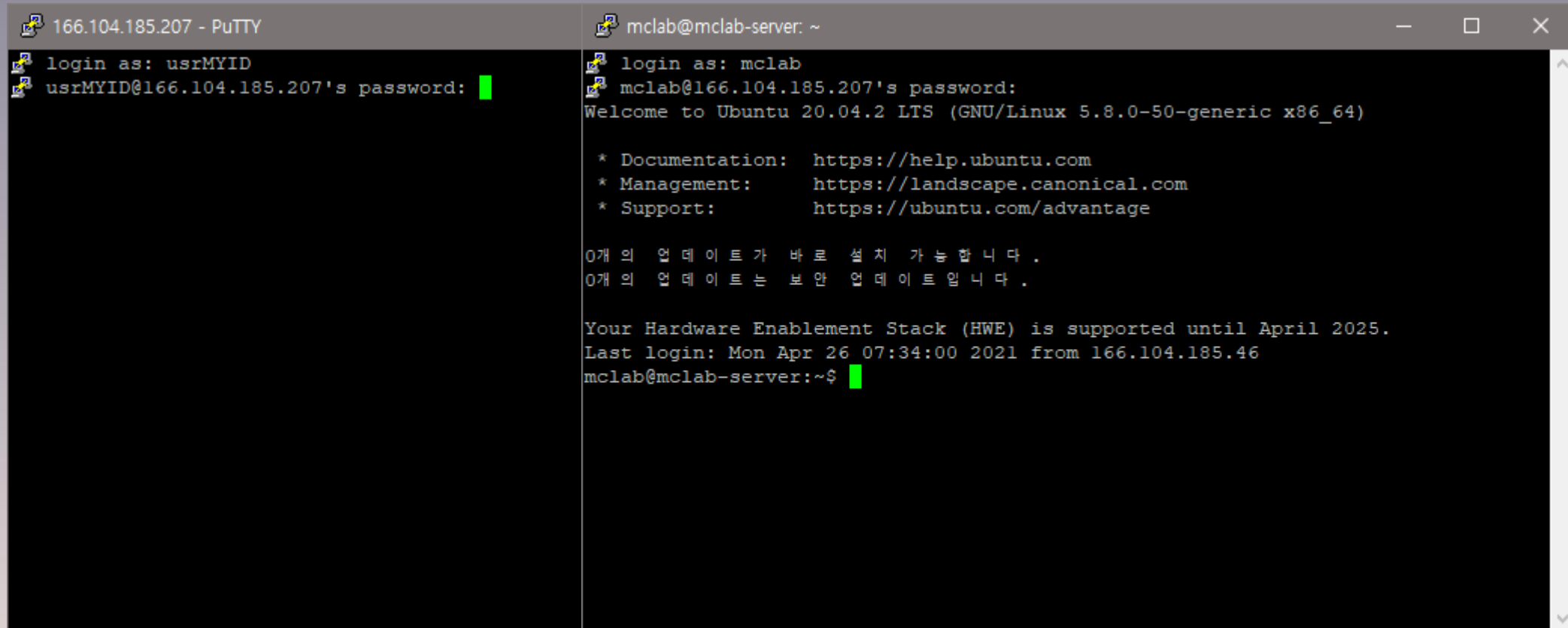
Setting 값 저장 후, 다음 실습 부터는 프로필을 Load, Open



Windows – Putty (3)

login as : osw2021012345 (osw자신의학번)

osw2021012345@166.104.185.207's password : 1234 (입력후 enter 비밀번호는 공백으로 가려짐)



```
166.104.185.207 - PuTTY
login as: usrMYID
usrMYID@166.104.185.207's password: █

mclab@mclab-server: ~
login as: mclab
mclab@166.104.185.207's password:
Welcome to Ubuntu 20.04.2 LTS (GNU/Linux 5.8.0-50-generic x86_64)

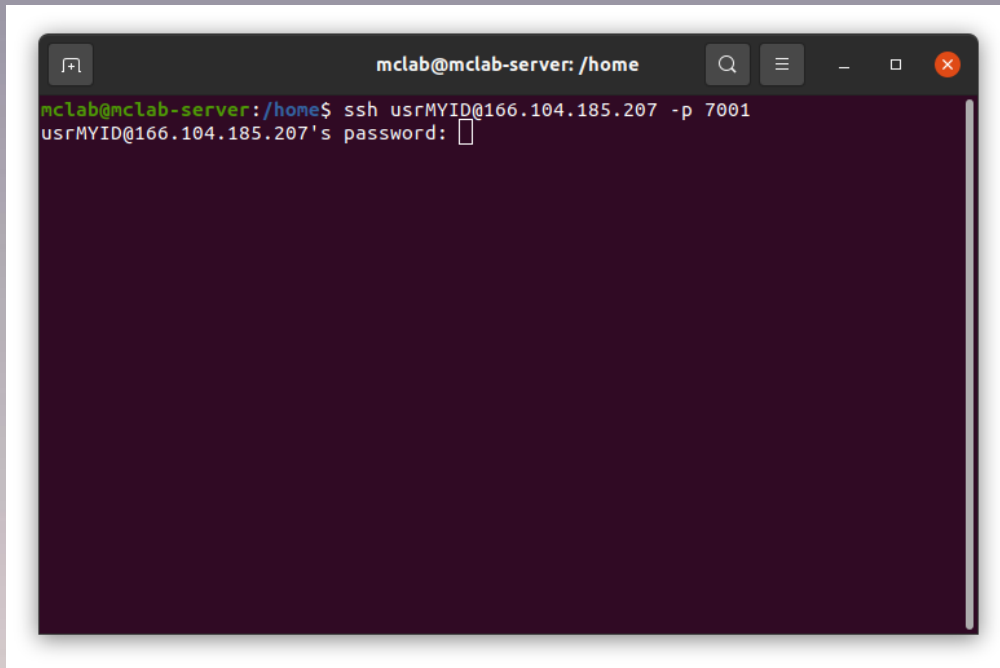
 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

0개의 업데이트가 바로 설치 가능합니다.
0개의 업데이트는 보안 업데이트입니다.

Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Mon Apr 26 07:34:00 2021 from 166.104.185.46
mclab@mclab-server:~$ █
```

MacOS, Linux - Terminal

ssh osw2021012345@166.104.185.207 -p 7001 (osw자신의학번)
osw2021012345@166.104.185.207's password : 1234 (입력후 enter 비밀번호는 공백으로 가려짐)



```
mclab@mclab-server: /home
mclab@mclab-server:/home$ ssh usrMYID@166.104.185.207 -p 7001
usrMYID@166.104.185.207's password: 
```



```
mclab@mclab-server: ~
mclab@mclab-server:/home$ ssh usrMYID@166.104.185.207 -p 7001
usrMYID@166.104.185.207's password:

mclab@mclab-server:/home$ ssh mclab@166.104.185.207 -p 7001
mclab@166.104.185.207's password:
Welcome to Ubuntu 20.04.2 LTS (GNU/Linux 5.8.0-50-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

0개의 업데이트가 바로 설치 가능합니다.
0개의 업데이트는 보안 업데이트입니다.

Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Mon Apr 26 07:58:01 2021 from 166.104.185.46
mclab@mclab-server:~$
```

사용자 암호 변경: passwd

\$ passwd

현재 암호를 입력하고, 변경할 암호를 두 번 입력한다.

```
test@mclab-server: ~  
test@mclab-server:~$ passwd  
test에 대한 암호 변경 중  
현재 비밀번호 :  
새 암호 :  
새 암호 재입력 :  
passwd: 암호를 성공적으로 업데이트했습니다  
test@mclab-server:~$
```

변경할 새 암호는 자신이
기억하기 쉬운 비밀번호로
설정할 것

금일 실습의 아이디와
변경한 비밀번호를 기억할 것
매주 실습 사용

변경 후 putty/terminal 종료
재접속 해서 확인

환경확인

```
166.104.185.141 - PuTTY
$ ls
snap
$ pwd
/osw/TA
$ nano week02_test.c
```


```
166.104.185.141 - PuTTY
GNU nano 6.2 week02_test.c
[ New File ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^/ Go To Line
```

환경확인

```
166.104.185.141 - PuTTY
GNU nano 6.2 week02_test.c *
#include <stdio.h>

int main(void){
    printf("2018045850 정 만 성 \n"); // 학 번 , 이 름 입 력
    return 0;
}
```

1. 작성후 Ctrl+x  Exit

```
Save modified buffer? (Answering "No" will DISCARD changes.)
Y Yes
N No  Cancel
```

2. 해당 문구가 뜨면 키보드 y를 클릭

```
File Name to Write: week02_test.c
^G Get Help
^C Cancel
```

3. 해당 문구가 뜨면 키보드 enter를 클릭

```
166.104.185.141 - PuTTY
$ ls
snap
$ pwd
/osw/TA
$ nano week02_test.c
$ ls
snap week02_test.c
$ gcc -o week02_test week02_test.c
$ ls
snap week02_test week02_test.c
$ ./week02_test
2018045850 정 만 성
$
```



끝