Homework #5

1.permission denied
권한 거부 즉,
명령어의 종료 코드중
하나이다.

2.


```
jonahyun@jonahyun-virtual-machine:~$ man -f passwd
passwd (1)           - change user password
passwd (1ssl)        - OpenSSL application commands
passwd (5)           - the password file
jonahyun@jonahyun-virtual-machine:~$ whatis passwd
passwd (1)           - change user password
passwd (1ssl)        - OpenSSL application commands
passwd (5)           - the password file
jonahyun@jonahyun-virtual-machine:~$ man -k passwd
chgpasswd (8)        - update group passwords in batch mode
chpasswd (8)         - update passwords in batch mode
gpasswd (1)          - administer /etc/group and /etc/gshadow
grub-mkpasswd-pbkdf2 (1) - generate hashed password for GRUB
openssl-passwd (1ssl) - compute password hashes
pam_localuser (8)    - require users to be listed in /etc/passwd
passwd (1)           - change user password
passwd (1ssl)        - OpenSSL application commands
passwd (5)           - the password file
update-passwd (8)    - safely update /etc/passwd, /etc/shadow and /etc/group
jonahyun@jonahyun-virtual-machine:~$ apropos passwd
chgpasswd (8)        - update group passwords in batch mode
chpasswd (8)         - update passwords in batch mode
gpasswd (1)          - administer /etc/group and /etc/gshadow
grub-mkpasswd-pbkdf2 (1) - generate hashed password for GRUB
openssl-passwd (1ssl) - compute password hashes
pam_localuser (8)    - require users to be listed in /etc/passwd
passwd (1)           - change user password
passwd (1ssl)        - OpenSSL application commands
passwd (5)           - the password file
update-passwd (8)    - safely update /etc/passwd, /etc/shadow and /etc/group
```

=> -f 옵션은 명령어에 대한 설명이고, -k 옵션은 특정 키워드가 있
는 페이지를 찾는 명령어 이다.

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3.

man 1 passwd:passwd 명령어에 대한 정보 제공

man 5 passwd:/etc/passwd 파일에 대한 정보 제공

man -a passwd : passwd 키워드가 담긴 페이지를 모두 보여준다.

4.


```
jonahyun@jonahyun-virtual-machine:~$ man -k zip
bunzip2 (1)          - a block-sorting file compressor, v1.0.8
bzcmp (1)            - compare bzip2 compressed files
bzdiff (1)           - compare bzip2 compressed files
bzegrep (1)          - search possibly bzip2 compressed files for a regular ...
bzfgrep (1)          - search possibly bzip2 compressed files for a regular ...
bzgrep (1)           - search possibly bzip2 compressed files for a regular ...
bzip2 (1)            - a block-sorting file compressor, v1.0.8
bzip2recover (1)     - recovers data from damaged bzip2 files
bzless (1)           - file perusal filter for crt viewing of bzip2 compress...
bzmore (1)           - file perusal filter for crt viewing of bzip2 compress...
funzip (1)           - filter for extracting from a ZIP archive in a pipe
gpg-zip (1)          - encrypt or sign files into an archive
gunzip (1)           - compress or expand files
gzip (1)             - compress or expand files
preunzip (1)         - prefix delta compressor for Aspell
prezip (1)           - prefix delta compressor for Aspell
prezip-bin (1)       - prefix zip delta word list compressor/decompressor
streamzip (1)        - create a zip file from stdin
unzip (1)            - list, test and extract compressed files in a ZIP archive
unzipsfx (1)         - self-extracting stub for prepending to ZIP archives
zforce (1)           - force a '.gz' extension on all gzip files
zip (1)              - package and compress (archive) files
zipcloak (1)         - encrypt entries in a zipfile
zipdetails (1)       - display the internal structure of zip files
zipgrep (1)          - search files in a ZIP archive for lines matching a pa...
zipinfo (1)          - list detailed information about a ZIP archive
zipnote (1)          - write the comments in zipfile to stdout, edit comment...
zipsplit (1)         - split a zipfile into smaller zipfiles
jonahyun@jonahyun-virtual-machine:~$ man -k zip | wc
     28     275    1858
jonahyun@jonahyun-virtual-machine:~$ man -k gzip
gzip (1)             - compress or expand files
zforce (1)           - force a '.gz' extension on all gzip files
jonahyun@jonahyun-virtual-machine:~$ man -k gzip|wc
      2      18     113
```

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5.

gzip, gunzip, zcat - compress or expand files

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6.

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7.


```
2023-04-04 14:24:02 startup archives unpack
2023-04-04 14:24:02 upgrade xserver-common:all 2:21.1.3-2ubuntu2.7 2:21.1.3-2ub
untu2.9
2023-04-04 14:24:02 status half-configured xserver-common:all 2:21.1.3-2ubuntu2
.7
2023-04-04 14:24:02 status unpacked xserver-common:all 2:21.1.3-2ubuntu2.7
2023-04-04 14:24:02 status half-installed xserver-common:all 2:21.1.3-2ubuntu2.
7
2023-04-04 14:24:03 status triggers-pending man-db:amd64 2.10.2-1
2023-04-04 14:24:03 status unpacked xserver-common:all 2:21.1.3-2ubuntu2.9
2023-04-04 14:24:03 upgrade xserver-xorg-legacy:amd64 2:21.1.3-2ubuntu2.7 2:21.
1.3-2ubuntu2.9
2023-04-04 14:24:03 status half-configured xserver-xorg-legacy:amd64 2:21.1.3-2
ubuntu2.7
2023-04-04 14:24:03 status unpacked xserver-xorg-legacy:amd64 2:21.1.3-2ubuntu2.
.7
2023-04-04 14:24:03 status half-installed xserver-xorg-legacy:amd64 2:21.1.3-2u
buntu2.7
2023-04-04 14:24:03 status unpacked xserver-xorg-legacy:amd64 2:21.1.3-2ubuntu2.
.9
2023-04-04 14:24:03 startup packages configure
2023-04-04 14:24:03 configure xserver-common:all 2:21.1.3-2ubuntu2.9 <none>
2023-04-04 14:24:03 status unpacked xserver-common:all 2:21.1.3-2ubuntu2.9
2023-04-04 14:24:03 status half-configured xserver-common:all 2:21.1.3-2ubuntu2.
.9
2023-04-04 14:24:03 status installed xserver-common:all 2:21.1.3-2ubuntu2.9
2023-04-04 14:24:03 configure xserver-xorg-legacy:amd64 2:21.1.3-2ubuntu2.9 <no
ne>
E486: Pattern not found: openshh-client
```

->/ssh라는 명령어를 치면 ssh관련 문서들은 나오지만

/openssh-client를 치면 아무것도 나오지 않아서

openssh-client라는 것은 없다는 것을 보여주는 캡쳐본이다.

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8.

9.

=> 이 명령어는 cat (concatenate) 명령어를
사용하여 /etc/logrotate.d 디렉토리에
있는 rsyslog 파일의 내용을 출력하는 것입니다.

=> rotate의 값은 4이다.

Homework #5

10.
- /etc/passwd는 리눅스와 유닉스 시스템에서 사용자 계정 정보를 저장하는 파일이다.

-이 파일은 각 사용자의 계정 정보를 콜론(:)으로 구분하여 7개의 목록으로 저장한다.

1.사용자 이름
2.사용자 비밀번호
3.사용자 ID(UID)
4.사용자가 속한 그룹의 ID(GID)
5.사용자의 이름 또는 기타 정
6.사용자 홈 디렉토리 경로
7.사용자 셸 경로