

1. Done

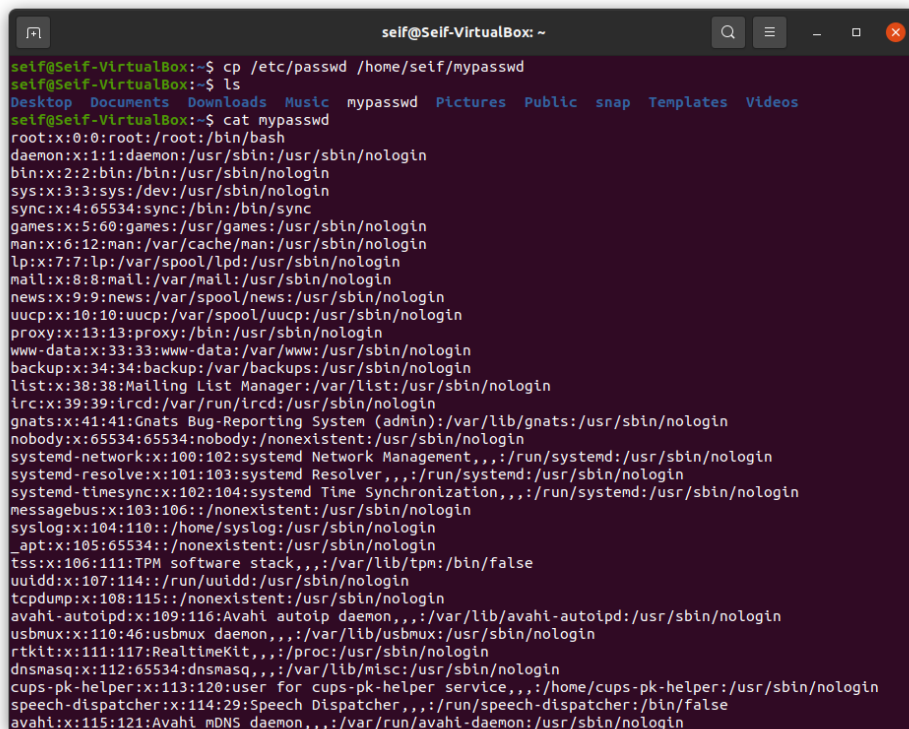
2. **cat command** : show the content of the entire file

**More command** : show the content of the file but with paging so you can scroll down in it using space

3. **rm** : The remove command delete a file

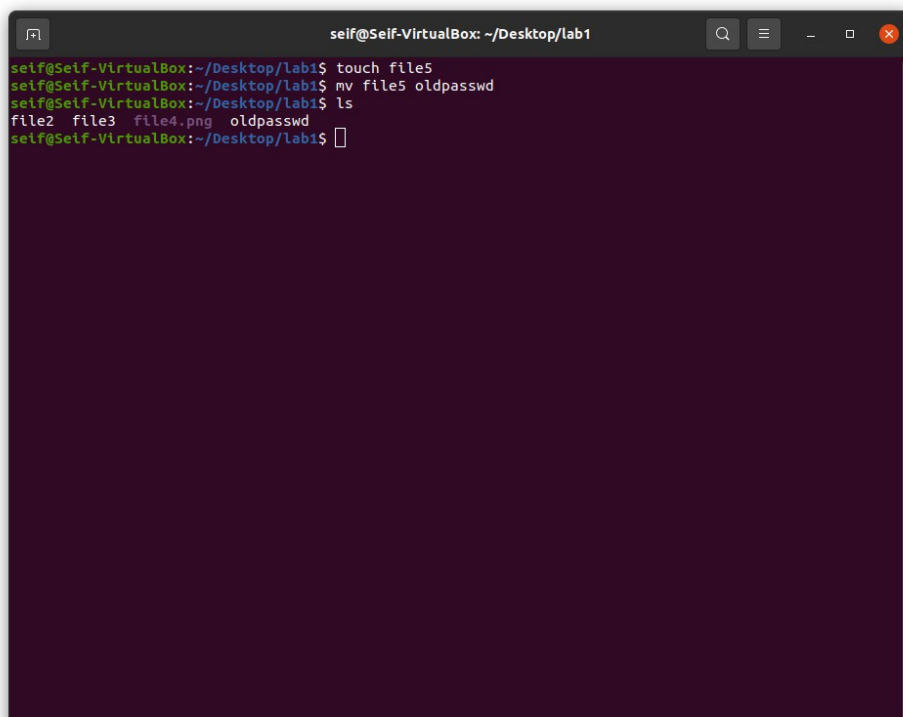
**rmdir** : The remove directory command delete only an empty directory that has no content

4.



```
self@Self-VirtualBox: ~  
self@Self-VirtualBox:~$ cp /etc/passwd /home/self/mypasswd  
self@Self-VirtualBox:~$ ls  
Desktop Documents Downloads Music mypasswd Pictures Public snap Templates Videos  
self@Self-VirtualBox:~$ cat mypasswd  
root:x:0:0:root:/root:/bin/bash  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
list:x:38:38:Mailng List Manager:/var/list:/usr/sbin/nologin  
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin  
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin  
systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin  
systemd-timesync:x:102:104:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin  
messagebus:x:103:106:/:nonexistent:/usr/sbin/nologin  
syslog:x:104:110:/:home/syslog:/usr/sbin/nologin  
_apt:x:105:65534:/:nonexistent:/usr/sbin/nologin  
tss:x:106:111:TPM software stack,,,:/var/lib/tpm:/bin/false  
uuidd:x:107:114:/:run/uuidd:/usr/sbin/nologin  
tcpdump:x:108:115:/:nonexistent:/usr/sbin/nologin  
avahi-autoipd:x:109:116:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin  
usbmux:x:110:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin  
rtkit:x:111:117:RealtimeKit,,,:/proc:/usr/sbin/nologin  
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin  
cups-pk-helper:x:113:120:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/nologin  
speech-dispatcher:x:114:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false  
avahi:x:115:121:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
```

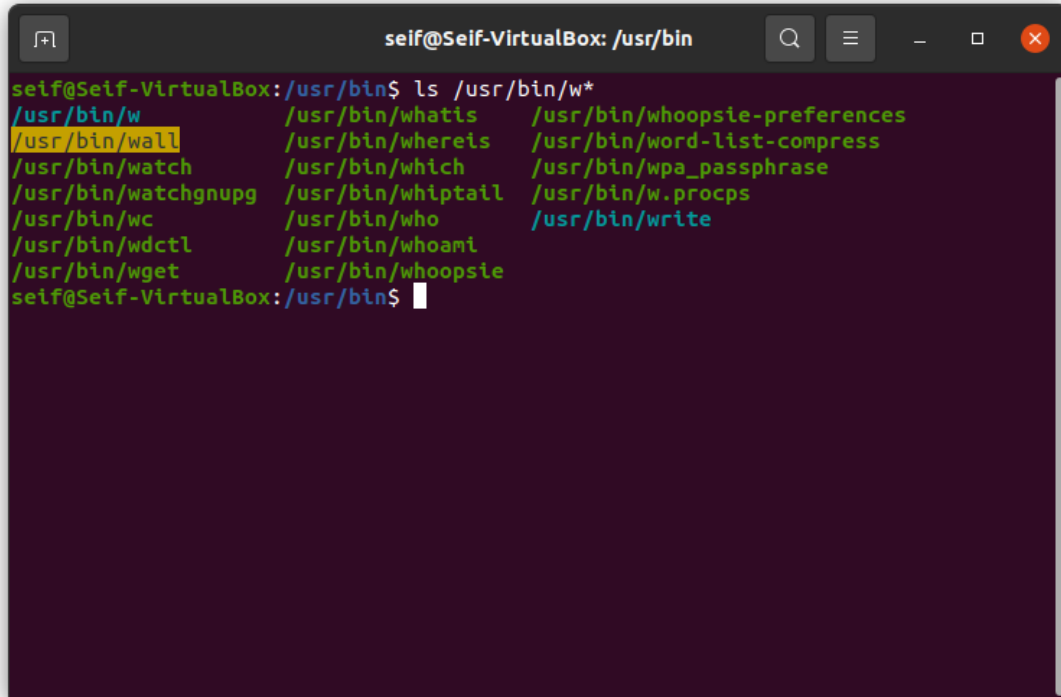
5.



```
self@Self-VirtualBox: ~/Desktop/lab1  
self@Self-VirtualBox:~/Desktop/lab1$ touch file5  
self@Self-VirtualBox:~/Desktop/lab1$ mv file5 oldpasswd  
self@Self-VirtualBox:~/Desktop/lab1$ ls  
file2 file3 file4.png oldpasswd  
self@Self-VirtualBox:~/Desktop/lab1$
```

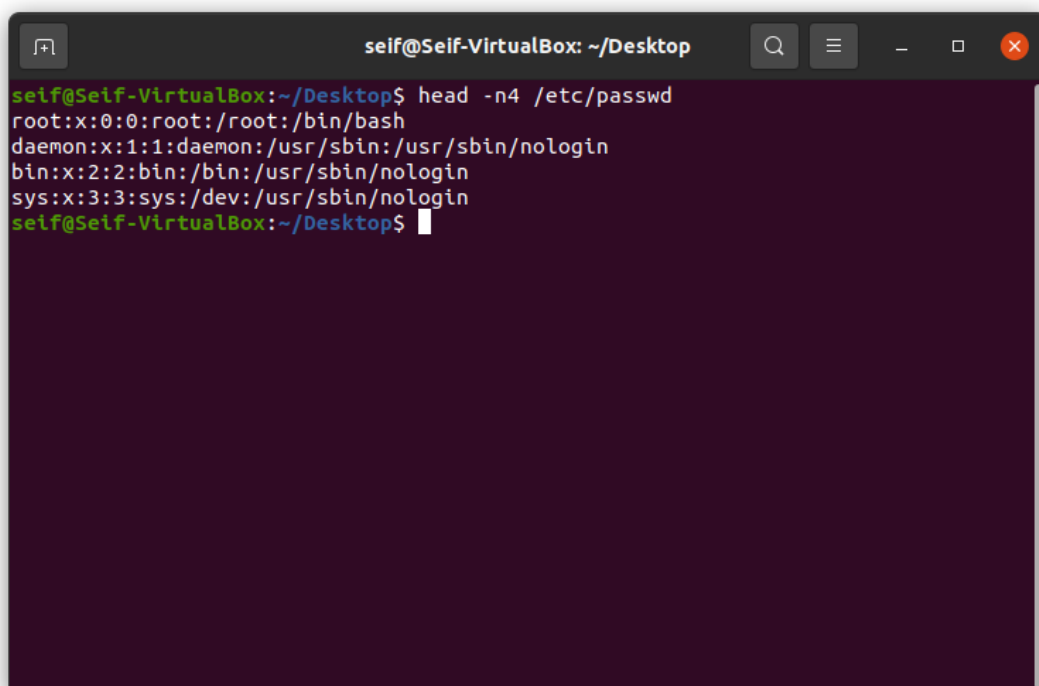
6. - cd  
- cd ../../  
-cd -  
-cd ~

7.



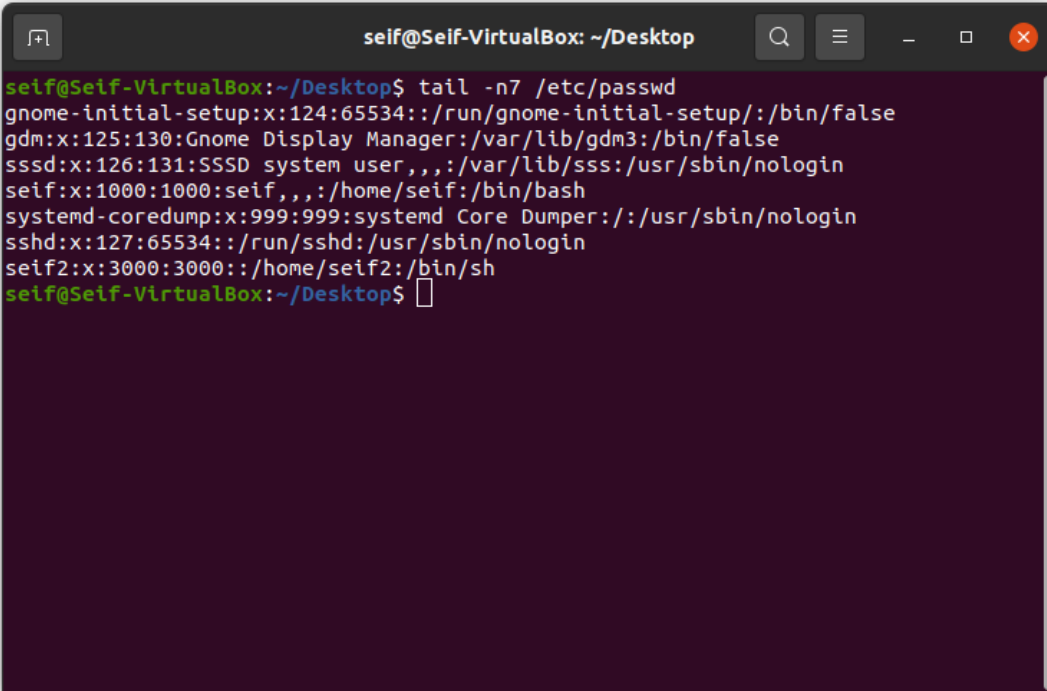
```
seif@Seif-VirtualBox: /usr/bin
seif@Seif-VirtualBox:/usr/bin$ ls /usr/bin/w*
/usr/bin/w           /usr/bin/whatls    /usr/bin/whoopsie-preferences
/usr/bin/wall        /usr/bin/whereis   /usr/bin/word-list-compress
/usr/bin/watch       /usr/bin/which     /usr/bin/wpa_passphrase
/usr/bin/watchnupg   /usr/bin/whiptail  /usr/bin/w.procps
/usr/bin/wc          /usr/bin/who       /usr/bin/write
/usr/bin/wdctl       /usr/bin/whoami
/usr/bin/wget        /usr/bin/whoopsie
seif@Seif-VirtualBox:/usr/bin$
```

8.



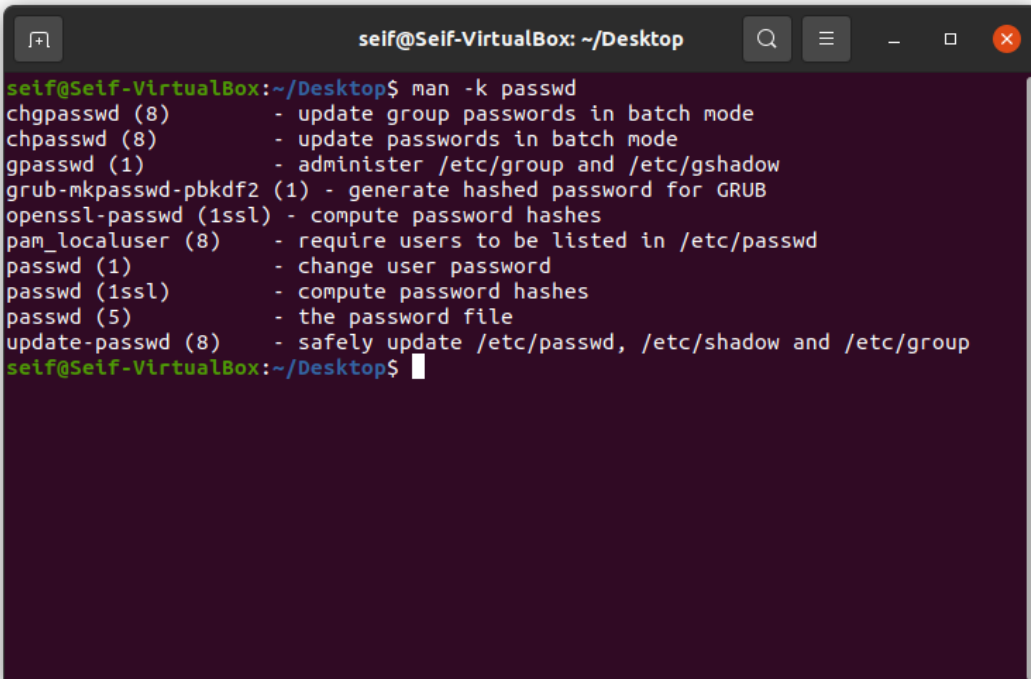
```
seif@Seif-VirtualBox: ~/Desktop
seif@Seif-VirtualBox:~/Desktop$ head -n4 /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
seif@Seif-VirtualBox:~/Desktop$
```

9.



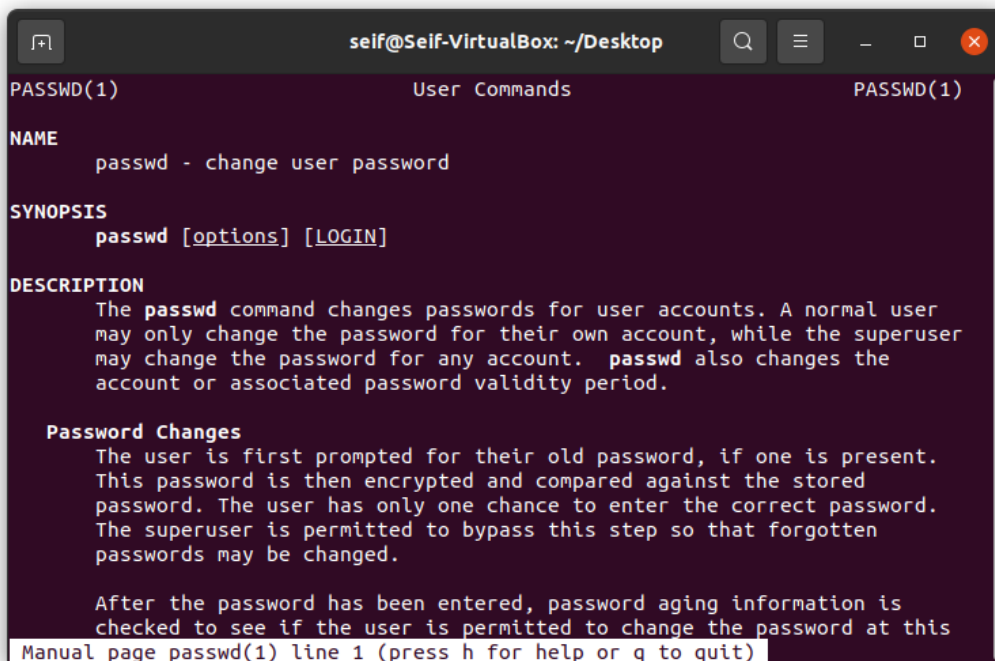
```
seif@Seif-VirtualBox: ~/Desktop
seif@Seif-VirtualBox:~/Desktop$ tail -n7 /etc/passwd
gnome-initial-setup:x:124:65534:./run/gnome-initial-setup:/bin/false
gdm:x:125:130:Gnome Display Manager:/var/lib/gdm3:/bin/false
sssd:x:126:131:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin
seif:x:1000:1000:seif,,,:/home/seif:/bin/bash
systemd-coredump:x:999:999:systemd Core Dumper:/usr/sbin/nologin
sshd:x:127:65534:./run/sshd:/usr/sbin/nologin
seif2:x:3000:3000:./home/seif2:/bin/sh
seif@Seif-VirtualBox:~/Desktop$
```

10.



```
seif@Seif-VirtualBox: ~/Desktop
seif@Seif-VirtualBox:~/Desktop$ man -k passwd
chgpaswd (8)      - update group passwords in batch mode
chpasswd (8)      - update passwords in batch mode
gpaswd (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)     - compute password hashes
passwd (5)        - the password file
update-passwd (8) - safely update /etc/passwd, /etc/shadow and /etc/group
seif@Seif-VirtualBox:~/Desktop$
```

11.



```
self@Self-VirtualBox: ~/Desktop
PASSWD(1)                                User Commands                                PASSWD(1)

NAME
    passwd - change user password

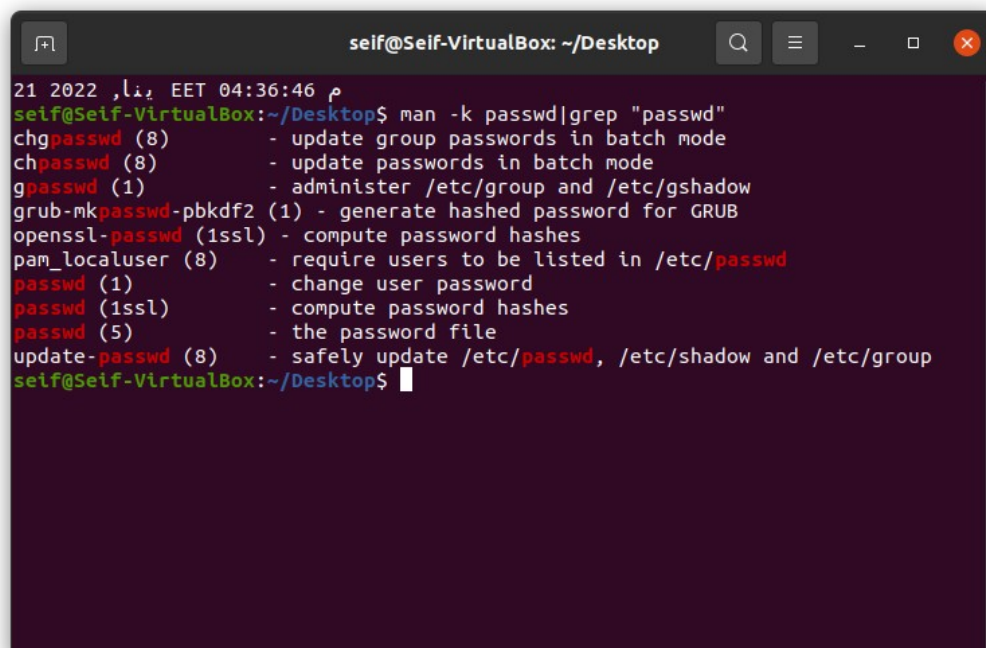
SYNOPSIS
    passwd [options] [LOGIN]

DESCRIPTION
    The passwd command changes passwords for user accounts. A normal user
    may only change the password for their own account, while the superuser
    may change the password for any account. passwd also changes the
    account or associated password validity period.

    Password Changes
    The user is first prompted for their old password, if one is present.
    This password is then encrypted and compared against the stored
    password. The user has only one chance to enter the correct password.
    The superuser is permitted to bypass this step so that forgotten
    passwords may be changed.

    After the password has been entered, password aging information is
    checked to see if the user is permitted to change the password at this
    Manual page passwd(1) line 1 (press h for help or q to quit)
```

12.



```
self@Self-VirtualBox: ~/Desktop
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self@Self-VirtualBox:~/Desktop$ man -k passwd|grep "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)      - compute password hashes
passwd (5)         - the password file
update-passwd (8)  - safely update /etc/passwd, /etc/shadow and /etc/group
self@Self-VirtualBox:~/Desktop$
```