

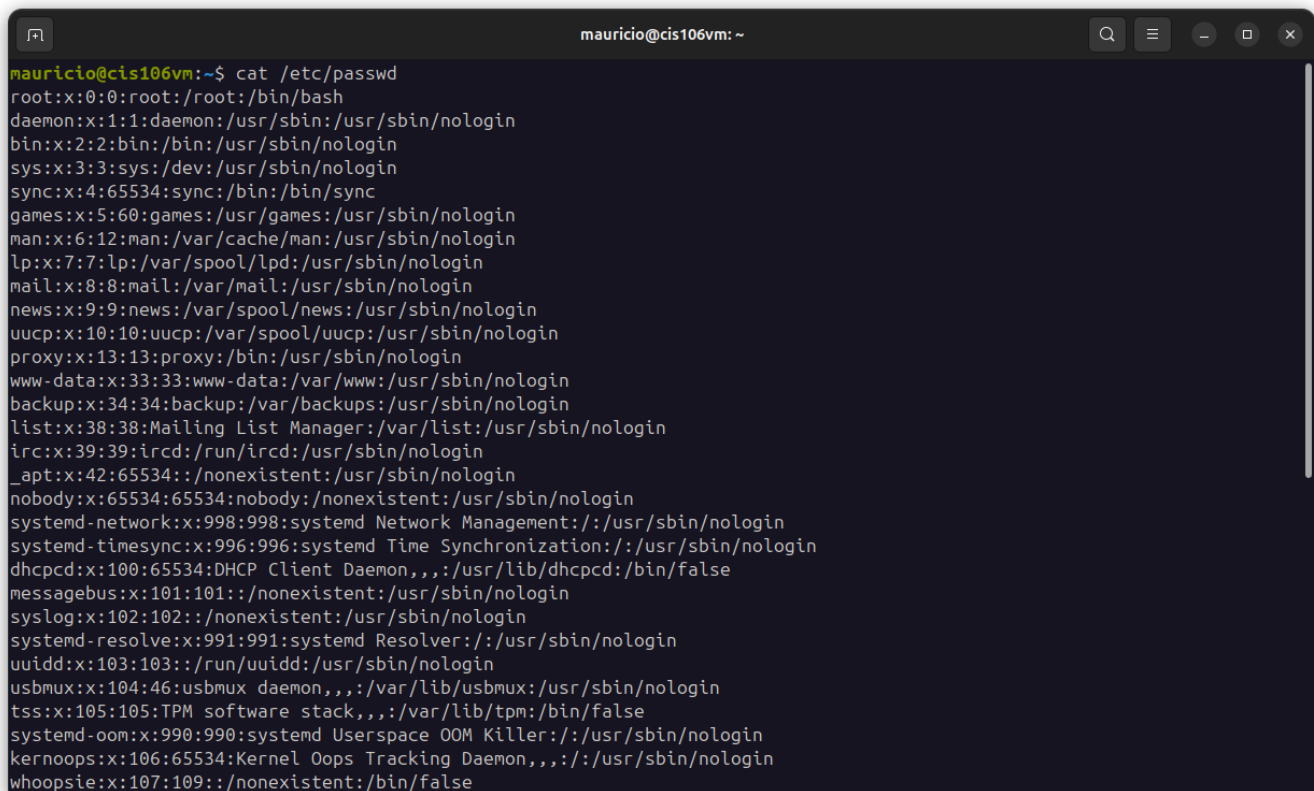
Week Report 7

Completed work for week 7

[lab7 notes7](#)

Practice

Practice 1:

A terminal window titled 'mauricio@cis106vm: ~' with a search icon, menu icon, and window control buttons. The terminal shows the command 'cat /etc/passwd' and its output, which lists system users and their configurations. The output is as follows:

```
mauricio@cis106vm:~$ cat /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
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:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
_apt:x:42:65534:/nonexistent:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:998:998:systemd Network Management:/:/usr/sbin/nologin
systemd-timesync:x:996:996:systemd Time Synchronization:/:/usr/sbin/nologin
dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd:/bin/false
messagebus:x:101:101:/nonexistent:/usr/sbin/nologin
syslog:x:102:102:/nonexistent:/usr/sbin/nologin
systemd-resolve:x:991:991:systemd Resolver:/:/usr/sbin/nologin
uidd:x:103:103:/run/uidd:/usr/sbin/nologin
usbmux:x:104:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
tss:x:105:105:TPM software stack,,,:/var/lib/tpm:/bin/false
systemd-oom:x:990:990:systemd Userspace OOM Killer:/:/usr/sbin/nologin
kernoops:x:106:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin
whoopsie:x:107:109:/nonexistent:/bin/false
```

Practice 2:

```

mauricio@cis106vm: ~$ tac /etc/passwd
snap_daemon:x:584788:584788::/nonexistent:/usr/bin/false
snapd-range-524288-root:x:524288:524288::/nonexistent:/usr/bin/false
_flatpak:x:122:124:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin
mauricio:x:1000:1000:Mauricio:/home/mauricio:/bin/bash
nm-openvpn:x:121:122:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
gdm:x:120:121:Gnome Display Manager:/var/lib/gdm3:/bin/false
gnome-initial-setup:x:119:65534::/run/gnome-initial-setup:/bin/false
colord:x:118:120:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
rtkit:x:117:119:RealtimeKit,,,:/proc:/usr/sbin/nologin
polkitd:x:987:987:User for polkitd:/usr/sbin/nologin
gnome-remote-desktop:x:988:988:GNOME Remote Desktop:/var/lib/gnome-remote-desktop:/usr/sbin/nologin
hplip:x:116:7:HPLIP system user,,,:/run/hplip:/bin/false
cups-browsed:x:115:114::/nonexistent:/usr/sbin/nologin
geoclue:x:114:117:/var/lib/geoclue:/usr/sbin/nologin
saned:x:113:116:/var/lib/saned:/usr/sbin/nologin
fwupd-refresh:x:989:989:Firmware update daemon:/var/lib/fwupd:/usr/sbin/nologin
cups-pk-helper:x:112:114:user for cups-pk-helper service,,,:/nonexistent:/usr/sbin/nologin
speech-dispatcher:x:111:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
sssd:x:110:113:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin
tcpdump:x:109:112:/nonexistent:/usr/sbin/nologin
avahi:x:108:111:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin
dnsmasq:x:999:65534:dnsmasq:/var/lib/misc:/usr/sbin/nologin
whoopsie:x:107:109:/nonexistent:/bin/false
kernoops:x:106:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin
systemd-oom:x:990:990:systemd Userspace OOM Killer:/usr/sbin/nologin
tss:x:105:105:TPM software stack,,,:/var/lib/tpm:/bin/false
usbmux:x:104:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
uidd:x:103:103:/run/uidd:/usr/sbin/nologin
systemd-resolve:x:991:991:systemd Resolver:/usr/sbin/nologin
syslog:x:102:102:/nonexistent:/usr/sbin/nologin

```

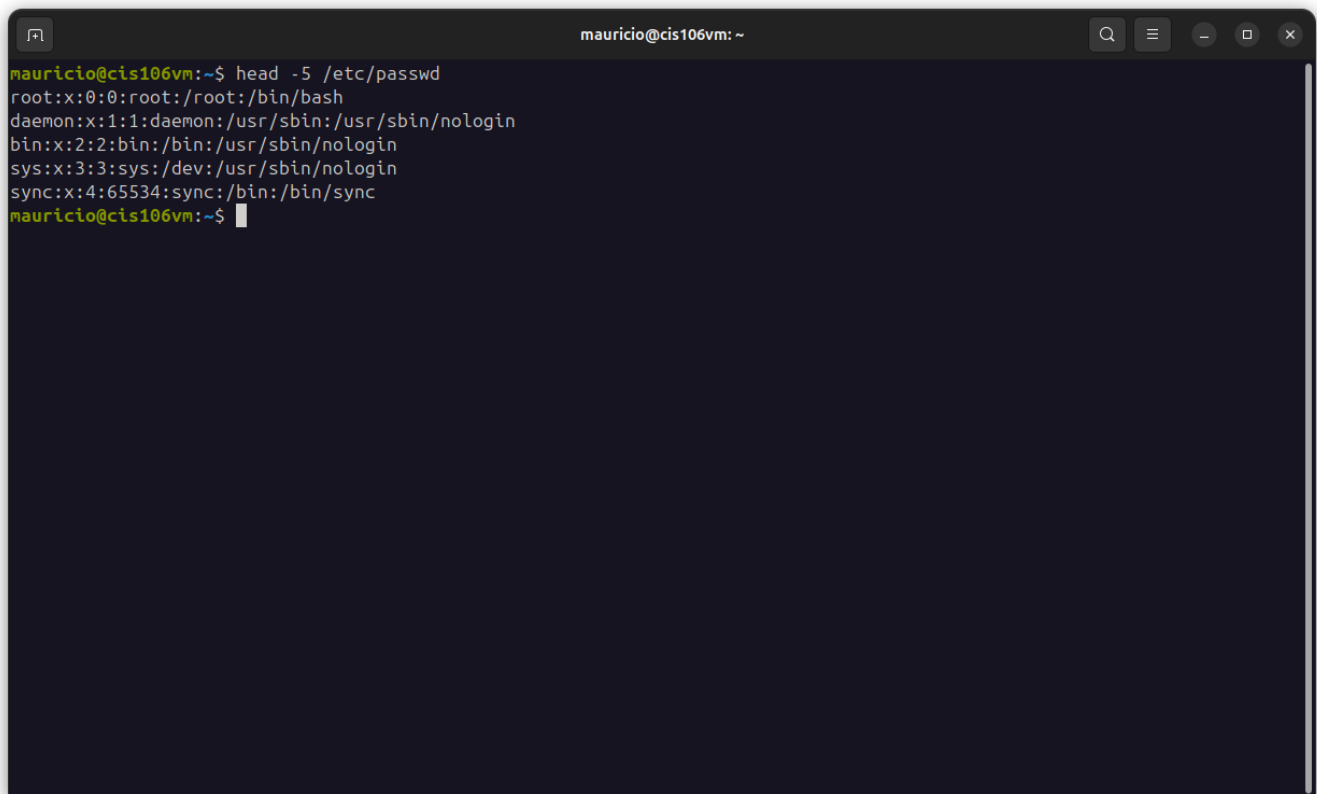
Practice 3:

```

mauricio@cis106vm: ~$ cat -nE /etc/passwd
1 root:x:0:0:root:/root:/bin/bash$
2 daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin$
3 bin:x:2:2:bin:/bin:/usr/sbin/nologin$
4 sys:x:3:3:sys:/dev:/usr/sbin/nologin$
5 sync:x:4:65534:sync:/bin:/bin/sync$
6 games:x:5:60:games:/usr/games:/usr/sbin/nologin$
7 man:x:6:12:man:/var/cache/man:/usr/sbin/nologin$
8 lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin$
9 mail:x:8:8:mail:/var/mail:/usr/sbin/nologin$
10 news:x:9:9:news:/var/spool/news:/usr/sbin/nologin$
11 uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin$
12 proxy:x:13:13:proxy:/bin:/usr/sbin/nologin$
13 www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin$
14 backup:x:34:34:backup:/var/backups:/usr/sbin/nologin$
15 list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin$
16 irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin$
17 _apt:x:42:65534:/nonexistent:/usr/sbin/nologin$
18 nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin$
19 systemd-network:x:998:998:systemd Network Management:/usr/sbin/nologin$
20 systemd-timesync:x:996:996:systemd Time Synchronization:/usr/sbin/nologin$
21 dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd:/bin/false$
22 messagebus:x:101:101:/nonexistent:/usr/sbin/nologin$
23 syslog:x:102:102:/nonexistent:/usr/sbin/nologin$
24 systemd-resolve:x:991:991:systemd Resolver:/usr/sbin/nologin$
25 uidd:x:103:103:/run/uidd:/usr/sbin/nologin$
26 usbmux:x:104:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin$
27 tss:x:105:105:TPM software stack,,,:/var/lib/tpm:/bin/false$
28 systemd-oom:x:990:990:systemd Userspace OOM Killer:/usr/sbin/nologin$
29 kernoops:x:106:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin$
30 whoopsie:x:107:109:/nonexistent:/bin/false$

```

Practice 4:



```
mauricio@cis106vm: ~  
mauricio@cis106vm:~$ head -5 /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  
sync:x:4:65534:sync:/bin:/bin/sync  
mauricio@cis106vm:~$
```