

Week Report 7

Practice 1

```
1: edison@c1s106: ~
edison@c1s106:~$ 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

2: edison@c1s106: ~
edison@c1s106:~$ tac /etc/passwd
vboxadd:x:997:1::/var/run/vboxadd:/bin/false
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
edison:x:1000:1000:edison:/home/edison:/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

3: edison@c1s106: ~
edison@c1s106:~$ 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

4: edison@c1s106: ~
edison@c1s106:~$ 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
edison@c1s106:~$ tail -5 /etc/passwd
edison:x:1000:1000:edison:/home/edison:/bin/bash
_flatpak:x:122:124:Flatpak system-wide installation helper,,:/nonexistent:/usr/sbin/nologin
snapd-range-524288-root:x:524288:524288::/nonexistent:/usr/bin/false
snap_daemon:x:584788:584788::/nonexistent:/usr/bin/false
vboxadd:x:997:1::/var/run/vboxadd:/bin/false
edison@c1s106:~$
```

Practice 2

```
1: edison@c1s106: ~
edison@c1s106:~$ cut -d":" -f1 /etc/passwd
root
daemon
bin
sys
sync
games
man
lp
mail
news
uucp
proxy
www-data
backup
list
irc
_apt
nobody
systemd-network
systemd-timesync
dhcpcd
messagebus
syslog
systemd-resolve
uuid
usbmux
tss
systemd-oom
kernoops
whoopsie
dnsmasq
avahi
tcpdump

2: edison@c1s106: ~
edison@c1s106:~$ cut -d":" -f1,6 /etc/passwd
root:/root
daemon:/usr/sbin
bin:/bin
sys:/dev
sync:/bin
games:/usr/games
man:/var/cache/man
lp:/var/spool/lpd
mail:/var/mail
news:/var/spool/news
uucp:/var/spool/uucp
proxy:/bin
www-data:/var/www
backup:/var/backups
list:/var/list
irc:/run/ircd
_apt:/nonexistent
nobody:/nonexistent
systemd-network:/
systemd-timesync:/
dhcpcd:/usr/lib/dhcpcd
messagebus:/nonexistent
syslog:/nonexistent
systemd-resolve:/
uuid:/run/uuid
usbmux:/var/lib/usbmux
tss:/var/lib/tpm
systemd-oom:/
kernoops:/
whoopsie:/nonexistent
dnsmasq:/var/lib/misc
avahi:/run/avahi-daemon
tcpdump:/nonexistent

3: edison@c1s106: ~
edison@c1s106:~$ cut -d":" -f1,6,7 --output-delimiter=" " /etc/passwd
root > /root > /bin/bash
daemon > /usr/sbin > /usr/sbin/nologin
bin > /bin > /usr/sbin/nologin
sys > /dev > /usr/sbin/nologin
sync > /bin > /bin/sync
games > /usr/games > /usr/sbin/nologin
man > /var/cache/man > /usr/sbin/nologin
lp > /var/spool/lpd > /usr/sbin/nologin
mail > /var/mail > /usr/sbin/nologin
news > /var/spool/news > /usr/sbin/nologin
uucp > /var/spool/uucp > /usr/sbin/nologin
proxy > /bin > /usr/sbin/nologin
www-data > /var/www > /usr/sbin/nologin
backup > /var/backups > /usr/sbin/nologin
list > /var/list > /usr/sbin/nologin
irc > /run/ircd > /usr/sbin/nologin
_apt > /nonexistent > /usr/sbin/nologin
nobody > /nonexistent > /usr/sbin/nologin
systemd-network > / > /usr/sbin/nologin
systemd-timesync > / > /usr/sbin/nologin
dhcpcd > /usr/lib/dhcpcd > /bin/false
messagebus > /nonexistent > /usr/sbin/nologin
syslog > /nonexistent > /usr/sbin/nologin
systemd-resolve > / > /usr/sbin/nologin
uuid > /run/uuid > /usr/sbin/nologin
usbmux > /var/lib/usbmux > /usr/sbin/nologin
tss > /var/lib/tpm > /bin/false
systemd-oom > / > /usr/sbin/nologin
kernoops > / > /usr/sbin/nologin
whoopsie > /nonexistent > /bin/false
dnsmasq > /var/lib/misc > /usr/sbin/nologin
avahi > /run/avahi-daemon > /usr/sbin/nologin
tcpdump > /nonexistent > /usr/sbin/nologin

4: edison@c1s106: ~
edison@c1s106:~$ cut -d":" -f1 -o /Documents/Csv/cereal.csv
cut: /home/edison/Documents/Csv/cereal.csv: No such file or directory
edison@c1s106:~$ cut -d":" -f1,4 --output-delimiter=" " calories = " " -o /Documents/Csv/cereal.csv
cut: /home/edison/Documents/Csv/cereal.csv: No such file or directory
edison@c1s106:~$
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Practice 3

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1/1  +  [icon] [icon]  Tilix: edison@cis106: ~/Documents/Csv  [search] [menu] [minus] [maximize] [close]
1: edison@cis106: ~/Documents/Csv  [icon] [close]

edison@cis106:~$ sort ~/Documents/Csv/cars.csv
sort: cannot read: /home/edison/Documents/Csv/cars.csv: No such file or directory
y
edison@cis106:~$ cd ~/Documents/Csv/ && sort -o sorted_cars.csv cars.csv
sort: cannot read: cars.csv: No such file or directory
edison@cis106:~/Documents/Csv$ wc -l sorted_cars.csv
wc: sorted_cars.csv: No such file or directory
edison@cis106:~/Documents/Csv$ wc -m sorted_cars.csv
wc: sorted_cars.csv: No such file or directory
edison@cis106:~/Documents/Csv$ cars sorted_cars.csv | tr ';' ' ','
Command 'cars' not found, did you mean:
  command 'cass' from snap cass (0.17.2)
  command 'car' from deb ucommon-utils (7.0.1-0.1)
  command 'care' from deb care (2.2.1-1build1)
  command 'cas' from deb amule-utils (1:2.3.3-3build1)
  command 'card' from deb a2ps (1:4.15.5-2)
See 'snap info <snapname>' for additional versions.
edison@cis106:~/Documents/Csv$ █

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Practice 4

<pre> 1: edison@cis106: ~/Documents/Books A [icon] [close] edison@cis106:~/Documents/Csv\$ cd .. edison@cis106:~/Documents\$ cd .. edison@cis106:~\$ cd Documents/Csv edison@cis106:~/Documents/Csv\$ cd .. edison@cis106:~/Documents\$ cd Books edison@cis106:~/Documents/Books\$ grep -in "love" pride-and-prejudice.txt 71:by allowance" and "loving with personal love. " This distinction applies 75:to their best work than in the case of those others who are loved "by 77:proper thing to love them. And in the sect--f airly large and yet 125:All the minor passages--the loves of Jane an d Bingley, the advent of Mr. 138:aversion to actual love. I do not know wheth er the all-grasping hand of 368:his falling in love at all is not extremely probable. Here again I 380:injured in disposition, and thoroughly in lo ve. As for his being in 381:love, Elizabeth has given as just an expositi on of the causes of that 433:anybody who can read between lines will not find the lovers' 442:ladies with whom it might be a pleasure to f all in love; there are at 446:Grant. I should have been most in love with Beatrix and Argemone; I 547:"So much love and eloquence" 156 728:_may_ fall in love with one of them, and the efore you must visit him as 803:persuade you at last. I was sure you loved y </pre>	<pre> ... @cis106: ~/Documents/Books [icon] [close] edison@cis106:~/Documents/Books\$ grep -io "love" love.txt -l grep: love.txt: No such file or d irectory -l: command not found edison@cis106:~/Documents/Books\$ grep -io "love" love.txt wc -l grep: love.txt: No such file or d irectory 0 edison@cis106:~/Documents/Books\$ grep -io "love" love.txt wc -l grep: love.txt: No such file or d irectory 0 edison@cis106:~/Documents/Books\$ grep -i "^dracula" dracula.txt DRACULA Dracula, jumping to his feet, sai d:-- Dracula, as it may help me to und erstand. To-night he may talk of Dracula was speaking, there was t hat in his eyes and in his bearin g Dracula." I suspected him, and de termined to test his sincerity. Dracula we should go by Galatz, o r at any rate through Bucharest, edison@cis106:~/Documents/Books\$ </pre>	<pre> ...@cis106: ~/Documents/Books [icon] [close] edison@cis106:~\$ cd Documents/Boo ks edison@cis106:~/Documents/Books\$ grep -Ec "bash zsh fish" /etc/pas swd 2 edison@cis106:~/Documents/Books\$ grep -Ec "bash zsh fish" /etc/pa sswd edison@cis106:~/Documents/Books\$ </pre>
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