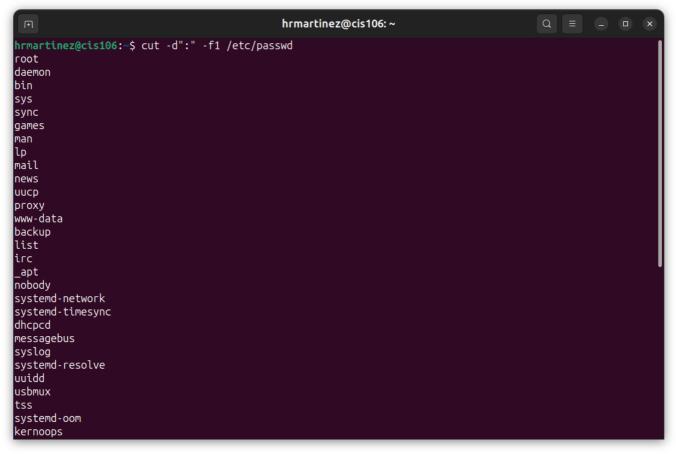
# Week Report 7

## Practice 1

```
hrmartinez@cis106:~$ 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
 nrmartinez@cis106:~$ tac /etc/passwd
 _flatpak:x:122:124:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin
hrmartinez:x:1000:1000:hrmartinez:/home/hrmartinez:/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/nologinpolkitd: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
nrmartinez@cis106:~$ cat -nE /etc/passwd
     1 root:x:0:0:root:/root:/bin/bash$
```

```
hrmartinez@cis106:~$ 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$
```

## Practice 2



```
hrmartinez@cis106:~$ 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
```

```
hrmartinez@cis106:~$ cut -d":" -f1,6,7 --output-delimiter=">" /etc/passwd
root>/root>/bin/bash
daemon>/usr/sbin/ologin
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
```

```
hrmartinez@cis106:~$ cut -d";" -f1 ~/Documents/Csv/cereal.csv
String
100% Bran
100% Natural Bran
All-Bran
All-Bran with Extra Fiber
Almond Delight
Apple Cinnamon Cheerios
Apple Jacks
Basic 4
Bran Chex
Bran Flakes
Cap'n'Crunch
Cheerios
Cinnamon Toast Crunch
Clusters
Cocoa Puffs
Corn Chex
Corn Flakes
Corn Pops
```

```
hrmartinez@cis106:~$ cut -d";" -f1,4 --output-delimiter=" calories = " ~/Documents/Csv/cereal.csv
name calories = calories
String calories = Int
100% Bran calories = 70
100% Natural Bran calories = 120
All-Bran calories = 70
All-Bran with Extra Fiber calories = 50
Almond Delight calories = 110
Apple Cinnamon Cheerios calories = 110
Apple Jacks calories = 110
Basic 4 calories = 130
Bran Chex calories = 90
Bran Flakes calories = 90
Cap'n'Crunch calories = 120
Cheerios calories = 110
Cinnamon Toast Crunch calories = 120
Clusters calories = 110
Cocoa Puffs calories = 110
Corn Chex calories = 110
```

### Practice 3

```
hrmartinez@cis106:~$ sort ~/Documents/Csv/cars.csv

AMC Ambassador Brougham;13.0;8;360.0;175.0;3821.;11.0;73;US

AMC Ambassador DPL;15.0;8;390.0;190.0;3850.;8.5;70;US

AMC Ambassador SST;17.0;8;304.0;150.0;3672.;11.5;72;US

AMC Concord;19.4;6;232.0;90.00;3210.;17.2;78;US

AMC Concord;24.3;4;151.0;90.00;3003.;20.1;80;US

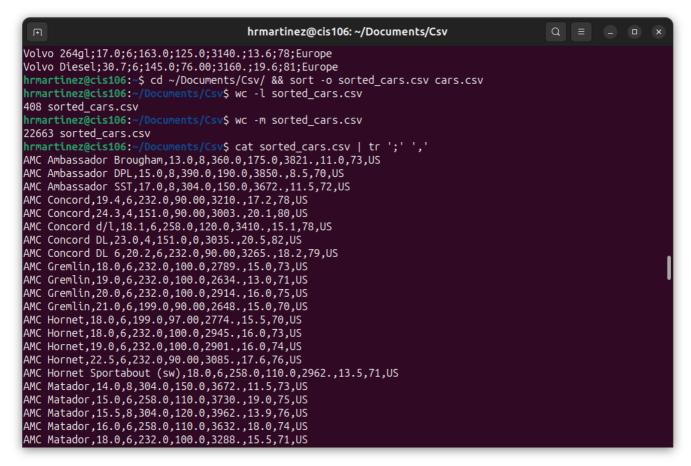
AMC Concord d/l;18.1;6;258.0;120.0;3410.;15.1;78;US

AMC Concord DL;23.0;4;151.0;0;3035.;20.5;82;US

AMC Concord DL 6;20.2;6;232.0;90.00;3265.;18.2;79;US

AMC Gremlin;18.0;6;232.0;100.0;2789.;15.0;73;US

AMC Gremlin;19.0;6;232.0;100.0;2634.;13.0;71;US
```



### Practice 4

```
hrmartinez@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--fairly large and yet
125:All the minor passages--the loves of Jane and Bingley, the advent of Mr.
138:aversion to actual love. I do not know whether 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 love. As for his being in
381:love, Elizabeth has given as just an exposition 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 fall 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 therefore you must visit him as
893:persuade you at last. I was sure you loved your girls too well to
905:for your sakes we would do anything. Lydia, my love, though you _are_
944:dancing was a certain step towards falling in love; and very lively
1387:way to be very much in love; but she considered with pleasure that it
1402:very few of us who have heart enough to be really in love without
1422:in love as much as she chooses."
1629:imagination is very rapid; it jumps from admiration to love, from love
```

