Week Report 7

```
1:phernandez@cis106:->
phernandez@cis106:->
phernandez@cis106:->
tac /etc/pasawd
tiphdim::130:130:light Display Manager:/var/lib/lightdm:/bin/false
__flatpak:x:129:138:Flatpak system-wide installation helper,,;/nonexistent:/usr/sbin/nologin
vboxadd:x:199:131:flatpak system-wide installation helper,,;/nonexistent:/usr/sbin/nologin
vboxadd:x:129:134:Gnome Display Manager:/var/lib/gdm3:/bin/false
phernandez:x:1000:1000:Phernandez,,;/nun/plpip:/bin/false
phitp:x:127:iHPLIP system user,,;/run/plpip:/bin/false
phitp:x:127:iHPLIP system user,,;/run/plpip:/bin/false
gnome-initial-setup:x:120:6534::/run/gnome-initial-setup/:/bin/false
pulse:x:125:132:Pulseadudo daemon,,;/run/plpip:sei/usr/sbin/nologin
geoclue:x:124:131:/var/lib/geoclue:/usr/sbin/nologin
colord:x:123:130:cloof colour managenent daemon,,;/var/lib/colord:/usr/sbin/nologin
saned:x:122:129::/var/lib/saned:/usr/sbin/nologin
m-openyn:x:121:127:NetworKhanager OpenVPN.;/var/lib/penyn/chroot:/usr/sbin/nologin
fwwpd-refresh:x:120:120:fwupd-refresh user,,;/run/systemd:/usr/sbin/nologin
speech-dispatcher:x:119:129:Speech Dispatcher,;/run/systemd:/usr/sbin/nologin
whoposie:x:113:165:S05 system user,,;/var/lib/sss:/usr/sbin/nologin
whoposie:x:117:124:/nonexistent:/bin/false
rtkit:x:116:123:RealtimeKit.,;/proc:/usr/sbin/nologin
avahi:x:114:121:Avahi mDNS daemon,,;/run/avahi-daemon:/usr/sbin/nologin
dushux:x:114:121:Avahi mDNS daemon,,;/run/avahi-daemon:/usr/sbin/nologin
ushux:x:111:46:usbmux daemon,,;/run/systemd:/usr/sbin/nologin
ushux:x:111:46:usbmux daemon,,;/var/lib/msbmux:/usr/sbin/nologin
ushux:x:111:46:usbmux daemon,,;/var/lib/msbmux:/usr/sbin/nologin

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hernandez@cis106:->

hernandez@cis106:->

cat -nE /etc/passed

1 demon:x::::deemon:/usr/skin/los/sks/skin/nologins

1 binx2::22:binz/bin:/usr/skin/nologins

4 ysrx:3::3xysr;/dev:/usr/skin/nologins

5 yyncx:3::3xysr;/dev:/usr/skin/nologins

6 ysrx:3::3xysr;/dev:/usr/skin/nologins

7 nanx:65:25:lans:/vsr/sche/man:/usr/skin/nologins

9 nanx:65:21:ann:/vsr/sche/man:/usr/skin/nologins

1 nanx:65:21:ann:/vsr/sche/man:/usr/skin/nologins

10 proxy:x:19:p/vsr/spool/lubc/jusr/skin/nologins

10 proxy:x:19:p/vsr/spool/lubc/jusr/skin/nologins

10 proxy:x:19:p/vsr/spool/lubc/jusr/skin/nologins

11 uucp:x:10:10:uucp/vsr/spool/lubc/jusr/skin/nologins

12 proxy:x:19:p/vsr/spool/lubc/jusr/skin/nologins

13 www-datax:33:33:sww-data:/vsr/skin/nologins

14 www-datax:33:33:sww-data:/vsr/skin/nologins

15 tistx:x:38:38:Helling List Hanager:/vsr/skin/nologins

16 pass:x:41:41:6nats Bug-leporting system (defin):/vsr/lbb/nologins

17 yants:x:41:41:6nats Bug-leporting system (defin):/vsr/lbb/nologins

18 vsytend-network:x:10:10:2systend Revork Management,..;/run/systend:/usr/skin/nologins

19 ystend-network:x:10:10:2systend Revork Management,..;/run/systend:/usr/skin/nologins

20 ystend-network:x:10:10:2systend Revork Management,..;/run/systend:/usr/skin/nologins

21 pass:x:95:35:35:4:10:nonexistent:/usr/skin/nologins

22 ystend-tinesync:x:10:10:3systend Revork Management,..;/run/systend:/usr/skin/nologins

23 ystend-onex:x:10:10:3systend Revork Management,..;/run/systend:/usr/skin/nologins

24 ystend-onex:x:10:10:3systend Revork Management,..;/run/systend:/usr/skin/nologins

25 zsix:10:10:118 software stack...;/vsr/tklyfm:/kin/falses

26 uutddx:right://dsix/shin/nologins

27 ystend-onex:x:10:10:10:systend Revork Management,..;/run/systend:/usr/skin/nologins

28 ystend-onex:x:10:10:10:systend Revork Management

29 ystend-onex:10:10:10:systend Revork Management

20 ystend-onex:10:10:10:systend Revork Management

21 ystend-onex:10:10:10:systend Revork Management

22 ystend-onex:10:10:10:systend Revork Management

23
```

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phernandez@cis106:~\$ cat ~/Documents/Books/dracula.txt

```
1: phernandez@cis106: ~ ~
phernandez@cis106:~$ cut -d":" -f1 /etc/passwd
root
daemon
bin
sys
sync
games
man
lp
mail
news
uucp
ргоху
www-data
backup
list
irc
gnats
nobody
systemd-network
systemd-resolve
messagebus
systemd-timesync
syslog
_apt
tss
uuidd
systemd-oom
tcpdump
avahi-autoipd
usbmux
dnsmasq
kernoops
avahi
cups-pk-helper
rtkit
 1: pnernandez@cis106: ~
```

```
phernandez@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
list:/var/list
irc:/run/ircd
gnats:/var/lib/gnats
nobody:/nonexistent
systemd-network:/run/systemd
systemd-resolve:/run/systemd
messagebus:/nonexistent
systemd-timesync:/run/systemd
syslog:/home/syslog
_apt:/nonexistent
tss:/var/lib/tpm
uuidd:/run/uuidd
systemd-oom:/run/systemd
tcpdump:/nonexistent
```

```
1: phernandez@cis106: ~ \

phernandez@cis106: ~ \sqrt{sut} -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/lucp > /usr/sbin/nologin
```

```
phernandez@cis106:~$ cut -d";" -f1 ~/Documents/Csv/cereal.csv
name
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
Count Chocula
Cracklin' Oat Bran
Cream of Wheat (Quick)
Crispix
          ez@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
```

```
1: phernandez@cis106: ~ ~
phernandez@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
AMC Gremlin;20.0;6;232.0;100.0;2914.;16.0;75;US
AMC Gremlin;21.0;6;199.0;90.00;2648.;15.0;70;US
AMC Hornet;18.0;6;199.0;97.00;2774.;15.5;70;US
AMC Hornet;18.0;6;232.0;100.0;2945.;16.0;73;US
 1: phernandez@cis106: ~/Documents/Csv ~
phernandez@cis106:~$ cd ~/Documents/Csv/
phernandez@cis106:~/Documents/Csv$ sort -o sorted_cars.csv cars.csv
phernandez@cis106:~/Documents/Csv$ ls
cars.csv cereal.csv contacts.csv country.csv film.csv sorted_cars.csv
phernandez@cis106:~/Documents/Csv$ wc -l sorted_cars.csv
408 sorted cars.csv
phernandez@cis106:~/Documents/Csv$ wc -m sorted_cars.csv
22663 sorted_cars.csv
phernandez@cis106:~/Documents/Csv$
```

```
Volkswagen Model 111,27.0,4,97.00,60.00,1834.,19.0,71,Europe
Volkswagen Pickup,44.0,4,97.00,52.00,2130.,24.6,82,Europe
Volkswagen Rabbit,29.0,4,90.00,70.00,1937.,14.0,75,Europe
Volkswagen Rabbit,29.0,4,90.00,70.00,1937.,14.2,76,Europe
Volkswagen Rabbit,29.5,4,97.00,71.00,1825.,12.2,76,Europe
Volkswagen Rabbit,29.8,4,89.00,62.00,1845.,15.3,80,Europe
Volkswagen Rabbit,41.5,4,98.00,76.00,2144.,14.7,80,Europe
Volkswagen Rabbit C (Diesel),44.3,4,90.00,48.00,2085.,21.7,80,Europe
Volkswagen Rabbit Custom,29.0,4,97.00,78.00,1940.,14.5,77,Europe
Volkswagen Rabbit Custom, 31.9, 4, 89.00, 71.00, 1925., 14.0, 79, Europe
Volkswagen Rabbit Custom Diesel, 43.1, 4, 90.00, 48.00, 1985., 21.5, 78, Europe
Volkswagen Rabbit 1,36.0,4,105.0,74.00,1980.,15.3,82,Europe
Volkswagen Scirocco,31.5,4,89.00,71.00,1990.,14.9,78,Europe
Volkswagen Super Beetle 117,0,4,97.00,48.00,1978.,20.0,71,Europe
Volkswagen Super Beetle,26.0,4,97.00,46.00,1950.,21.0,73,Europe
Volkswagen Type 3,23.0,4,97.00,54.00,2254.,23.5,72,Europe
Volvo 144ea,19.0,4,121.0,112.0,2868.,15.5,73,Europe
Volvo 145e (sw),18.0,4,121.0,112.0,2933.,14.5,72,Europe
Volvo 244DL,22.0,4,121.0,98.00,2945.,14.5,75,Europe
Volvo 245,20.0,4,130.0,102.0,3150.,15.7,76,Europe
Volvo 264gl,17.0,6,163.0,125.0,3140.,13.6,78,Europe
Volvo Diesel,30.7,6,145.0,76.00,3160.,19.6,81,Europe
phernandez@cis106:~/Documents/Csv$ cat sorted_cars.csv | tr ';' ','
```

```
1912:really love him quite well enough? Oh, Lizzy! do anything rather than
14021:"Why, I must confess that I love him better than I do Bingley. I am
14026:how long you have loved him?"
14038:always had a value for him. Were it for nothing but his <mark>love</mark> of you, I
14128:"I do, I do like him," she replied, with tears in her eyes; "I <mark>love</mark> him.
14165:paid him; but these violent young lovers carry everything their own 14167:his love for you, and there will be an end of the matter."
14187:lover to any of them. She began at length to recover, to fidget about in
14208:But, my dearest love, tell me what dish Mr. Darcy is particularly fond
14246:Darcy to account for his having ever fallen in love with her. "How could
14273:of _that_ when they fall in love."
14314:for she loves to be of use. But tell me, what did you come down to
14319:might ever hope to make you <mark>love</mark> me. My avowed one, or what I avowed to 14353:only smiles, I laugh. Mr. Darcy sends you all the love in the world that
14380:being loved by her sister.
             "I wish you joy. If you love Mr. Darcy half so well as I do my dear
14519:was exactly what Darcy had hoped to see. They were able to love each
14544:as well as Elizabeth, really <mark>love</mark>d them; and they were both ever
phernandez@cis106:~/Documents/Books$ grep -in "love" pride-and-prejudice.txt
```

```
1: phernandez@cis106: ~/Documents/Books ~
phernandez@cis106:~/Documents/Books$ grep -ic "love" pride-and-prejudice.txt
131
phernandez@cis106:~/Documents/Books$ grep -ivc "love" pride-and-prejudice.txt
14774
phernandez@cis106:~/Documents/Books$ grep -io "love" pride-and-prejudice.txt | wc -1
wc: invalid option -- '1'
Try 'wc --help' for more information.
phernandez@cis106:~/Documents/Books$ grep -io "love" pride-and-prejudice.txt | wc -l
135
phernandez@cis106:~/Documents/Books$ grep -i "^dracula" dracula.txt
  acula, jumping to his feet, said:--
acula, as it may help me to understand. To-night he may talk of
acula was speaking, there was that in his eyes and in his bearing
       la." I suspected him, and determined to test his sincerity.
Dracula we should go by Galatz, or at any rate through Bucharest, so I phernandez@cis106:~/Documents/Books$ grep -Ec "bash|zsh|fish" /etc/passwd
phernandez@cis106:~/Documents/Books$ grep -Ecv "bash|zsh|fish" /etc/passwd
phernandez@cis106:~/Documents/Books$
```