

Practice 1

```

1/1 + [ ] [ ]
Tilix: jpbrownjames@cis106: ~

1:jpbrownjames@cis106: ~
jpbrownjames@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
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:/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
messagebus:x:102:105:/:nonexistent:/usr/sbin/nologin
systemd-timesync:x:103:106:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
syslog:x:104:111:/:home/syslog:/usr/sbin/nologin
lapt:x:105:65534:/:nonexistent:/usr/sbin/nologin
tss:x:106:113:TPM software stack,,,:/var/lib/tpm:/bin/false
uidd:x:107:116:/:run/uidd:/usr/sbin/nologin
systemd-oom:x:108:117:systemd Userspace OOM Killer,,,:/run/systemd:/usr/sbin/nologin
cpdump:x:109:118:/:nonexistent:/usr/sbin/nologin
avahi-autoipd:x:110:119:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin
usbmux:x:111:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
kernoops:x:113:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin
avahi:x:114:121:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin
cups-pk-helper:x:115:122:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/nologin
rtkit:x:116:123:RealtimeKit,,,:/proc:/usr/sbin/nologin
whoopsie:x:117:124:/:nonexistent:/bin/false
sssd:x:118:125:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin
speech-dispatcher:x:119:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
fwupd-refresh:x:120:126:fwupd-refresh user,,,:/run/systemd:/usr/sbin/nologin
nm-openvpn:x:121:127:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
saned:x:122:129:/:var/lib/saned:/usr/sbin/nologin
colord:x:123:130:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
geoclue:x:124:131:/:var/lib/geoclue:/usr/sbin/nologin
pulse:x:125:132:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:126:65534:/:run/gnome-initial-setup:/bin/false

```

```
1/1  +  TiliX: jpbrownjames@cis106: ~  
jpbrownjames@cis106: ~  
jpbrownjames@cis106:~$ tac /etc/passwd  
lightdm:x:130:139:Light Display Manager:/var/lib/lightdm:/bin/false  
flatpak:x:129:138:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin  
vboxadd:x:999:1::/var/run/vboxadd:/bin/false  
jpbrownjames:x:1000:1000:jpbrownjames,,,:/home/jpbrownjames:/bin/bash  
gdm:x:128:134:Gnome Display Manager:/var/lib/gdm3:/bin/false  
hplip:x:127:7:HPLIP system user,,,:/run/hplip:/bin/false  
gnome-initial-setup:x:126:65534::/run/gnome-initial-setup:/bin/false  
pulse:x:125:132:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin  
geoclue:x:124:131::/var/lib/geoclue:/usr/sbin/nologin  
colord:x:123:130:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin  
saned:x:122:129::/var/lib/saned:/usr/sbin/nologin  
nm-openvpn:x:121:127:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin  
fwupd-refresh:x:120:126:fwupd-refresh user,,,:/run/systemd:/usr/sbin/nologin  
speech-dispatcher:x:119:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false  
sssd:x:118:125:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin  
whoopsie:x:117:124::/nonexistent:/bin/false  
rtkit:x:116:123:RealtimeKit,,,:/proc:/usr/sbin/nologin  
cups-pk-helper:x:115:122:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/nologin  
avahi:x:114:121:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin  
kernoops:x:113:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin  
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin  
usbmux:x:111:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin  
avahi-autoipd:x:110:119:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin  
tcpdump:x:109:118::/nonexistent:/usr/sbin/nologin  
systemd-oom:x:108:117:systemd Userspace OOM Killer,,,:/run/systemd:/usr/sbin/nologin  
uid:x:107:116::/run/uid:/usr/sbin/nologin  
tss:x:106:113:TPM software stack,,,:/var/lib/tpm:/bin/false  
lapt:x:105:65534::/nonexistent:/usr/sbin/nologin  
syslog:x:104:111::/home/syslog:/usr/sbin/nologin  
systemd-timesync:x:103:106:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin  
messagebus:x:102:105::/nonexistent:/usr/sbin/nologin  
systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin  
systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin  
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
uuidd:x:107:116::/run/uuidd:/usr/sbin/nologin
```

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1 / 1  +  [ ] [ ]
Tilix: jpbrownjames@cis106: ~

1: jpbrownjames@cis106: ~
jpbrownjames@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$
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 gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin$
18 nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin$
19 systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin$
20 systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin$
21 messagebus:x:102:105:/:nonexistent:/usr/sbin/nologin$
22 systemd-timesync:x:103:106:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin$
23 syslog:x:104:111:/:home/syslog:/usr/sbin/nologin$
24 _apt:x:105:65534:/:nonexistent:/usr/sbin/nologin$
25 tss:x:106:113:TPM software stack,,,:/var/lib/tpm:/bin/false$
26 uidd:x:107:116:/:run/uidd:/usr/sbin/nologin$
27 systemd-oom:x:108:117:systemd Userspace OOM Killer,,,:/run/systemd:/usr/sbin/nologin$
28 tcpdump:x:109:118:/:nonexistent:/usr/sbin/nologin$
29 avahi-autoipd:x:110:119:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin$
30 usbmux:x:111:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin$
31 dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin$
32 kernoops:x:113:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin$
33 avahi:x:114:121:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin$
34 cups-pk-helper:x:115:122:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/nologin$
35 rtkit:x:116:123:RealtimeKit,,,:/proc:/usr/sbin/nologin$
36 whoopsie:x:117:124:/:nonexistent:/bin/false$
37 sssd:x:118:125:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin$
38 speech-dispatcher:x:119:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false$
39 fwupd-refresh:x:120:126:fwupd-refresh user,,,:/run/systemd:/usr/sbin/nologin$
40 nm-openvpn:x:121:127:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin$
41 saned:x:122:129:/:var/lib/saned:/usr/sbin/nologin$
42 colord:x:123:130:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin$
43 geoclue:x:124:131:/:var/lib/geoclue:/usr/sbin/nologin$
44 pulse:x:125:132:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin$
45 gnome-initial-setup:x:126:65534:/:run/gnome-initial-setup:/bin/false$

```

```

1 / 1  +  [ ] [ ]
Tilix: jpbrownjames@cis106: ~

1: jpbrownjames@cis106: ~
jpbrownjames@cis106:~$ 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
jpbrownjames@cis106:~$ tail -5 /etc/passwd
gdm:x:128:134:Gnome Display Manager:/var/lib/gdm3:/bin/false
jpbrownjames:x:1000:1000:jpbrownjames,,,:/home/jpbrownjames:/bin/bash
vboxadd:x:999:1:/:var/run/vboxadd:/bin/false
_flatpak:x:129:138:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin
lightdm:x:130:139:Light Display Manager:/var/lib/lightdm:/bin/false
jpbrownjames@cis106:~$ tail -1 /etc/passwd
lightdm:x:130:139:Light Display Manager:/var/lib/lightdm:/bin/false
jpbrownjames@cis106:~$ head -1 /etc/passwd
root:x:0:0:root:/root:/bin/bash
jpbrownjames@cis106:~$

```

```
1 / 1  +  [icon] [icon] Tilix: jpbrownjames@cis106: ~  
1: jpbrownjames@cis106: ~  
15801 charities and charitable donations in all 50 states of the United  
15802 States. Compliance requirements are not uniform and it takes a  
15803 considerable effort, much paperwork and many fees to meet and keep up  
15804 with these requirements. We do not solicit donations in locations  
15805 where we have not received written confirmation of compliance. To SEND  
15806 DONATIONS or determine the status of compliance for any particular  
15807 state visit www.gutenberg.org/donate.  
15808  
15809 While we cannot and do not solicit contributions from states where we  
15810 have not met the solicitation requirements, we know of no prohibition  
15811 against accepting unsolicited donations from donors in such states who  
15812 approach us with offers to donate.  
15813  
15814 International donations are gratefully accepted, but we cannot make  
15815 any statements concerning tax treatment of donations received from  
15816 outside the United States. U.S. laws alone swamp our small staff.  
15817  
15818 Please check the Project Gutenberg web pages for current donation  
15819 methods and addresses. Donations are accepted in a number of other  
15820 ways including checks, online payments and credit card donations. To  
15821 donate, please visit: www.gutenberg.org/donate.  
15822  
15823 Section 5. General Information About Project Gutenberg™ electronic works  
15824  
15825 Professor Michael S. Hart was the originator of the Project  
15826 Gutenberg™ concept of a library of electronic works that could be  
15827 freely shared with anyone. For forty years, he produced and  
15828 distributed Project Gutenberg™ eBooks with only a loose network of  
15829 volunteer support.  
15830  
15831 Project Gutenberg™ eBooks are often created from several printed  
15832 editions, all of which are confirmed as not protected by copyright in  
15833 the U.S. unless a copyright notice is included. Thus, we do not  
15834 necessarily keep eBooks in compliance with any particular paper  
15835 edition.  
15836  
15837 Most people start at our website which has the main PG search  
15838 facility: www.gutenberg.org.  
15839  
15840 This website includes information about Project Gutenberg™,  
15841 including how to make donations to the Project Gutenberg Literary  
15842 Archive Foundation, how to help produce our new eBooks, and how to  
15843 subscribe to our email newsletter to hear about new eBooks.  
15844  
15845  
jpbrownjames@cis106: ~$
```

Practice 2

```
1/1 ▾ + [🔗] [📄]
1:jpbrownjames@cis106: ~ ▾
jpbrownjames@cis106:~$ cut -d":" -f1 /etc/passwd
root
daemon
bin
sys
sync
games
man
lp
mail
news
uucp
proxy
www-data
backup
list
irc
gnats
nobody
systemd-network
systemd-resolve
messagebus
systemd-timesync
syslog
_apt
tss
uidd
systemd-oom
tcpdump
avahi-autoipd
usbmux
dnsmasq
kernoops
avahi
cups-pk-helper
rtkit
whoopsie
sssd
speech-dispatcher
fwupd-refresh
nm-openvpn
saned
colord
geoclue
pulse
gnome-initial-setup
kde-plasma
```



```
1/1 ▾ + [ ]
1:jpbrownjames@cis106: ~ ▾
jpbrownjames@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
uidd:/run/uidd
systemd-oom:/run/systemd
tcpdump:/nonexistent
avahi-autoipd:/var/lib/avahi-autoipd
usbmux:/var/lib/usbmux
dnsmasq:/var/lib/misc
kernoops:/
avahi:/run/avahi-daemon
cups-pk-helper:/home/cups-pk-helper
rtkit:/proc
whoopsie:/nonexistent
sssd:/var/lib/sss
speech-dispatcher:/run/speech-dispatcher
fwupd-refresh:/run/systemd
nm-openvpn:/var/lib/openvpn/chroot
saned:/var/lib/saned
colord:/var/lib/colord
geoclue:/var/lib/geoclue
pulse:/run/pulse
gnome-initial-setup:/run/gnome-initial-setup/
```

```
1/1 + [ ] [ ] Tilix: jpb  
1: jpbrownjames@cis106: ~  
jpbrownjames@cis106:~$ cut -d":" -f1,6,6 --output-delimiter=" > " /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  
uidd > /run/uidd  
systemd-oom > /run/systemd  
tcpdump > /nonexistent  
avahi-autoipd > /var/lib/avahi-autoipd  
usbmux > /var/lib/usbmux  
dnsmasq > /var/lib/misc  
kernoops > /  
avahi > /run/avahi-daemon  
cups-pk-helper > /home/cups-pk-helper  
rtkit > /proc  
whoopsie > /nonexistent  
sssd > /var/lib/sss  
speech-dispatcher > /run/speech-dispatcher  
fwupd-refresh > /run/systemd  
nm-openvpn > /var/lib/openvpn/chroot  
saned > /var/lib/saned  
colord > /var/lib/colord  
geoclue > /var/lib/geoclue  
pulse > /run/pulse  
gnome-initial-setup > /run/gnome-initial-setup/
```

```
1/1 ▾ + 📄 🖨️
1:jpbrownjames@cis106: ~ ▾
jpbrownjames@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
Crispy Wheat & Raisins
Double Chex
Froot Loops
Frosted Flakes
Frosted Mini-Wheats
Fruit & Fibre Dates, Walnuts, and Oats
Fruitful Bran
Fruity Pebbles
Golden Crisp
Golden Grahams
Grape Nuts Flakes
Grape-Nuts
Great Grains Pecan
Honey Graham Ohs
Honey Nut Cheerios
Honey-comb
Just Right Crunchy Nuggets
Just Right Fruit & Nut
Kix
Life
Lucky Charms
```



```
1/1 v + [share] [copy] TiliX: jpbrownjames@cis106
1:jpbrownjames@cis106: ~ v
jpbrownjames@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
Corn Flakes calories = 100
Corn Pops calories = 110
Count Chocula calories = 110
Cracklin' Oat Bran calories = 110
Cream of Wheat (Quick) calories = 100
Crispix calories = 110
Crispy Wheat & Raisins calories = 100
Double Chex calories = 100
Froot Loops calories = 110
Frosted Flakes calories = 110
Frosted Mini-Wheats calories = 100
Fruit & Fibre Dates, Walnuts, and Oats calories = 120
Fruitful Bran calories = 120
Fruity Pebbles calories = 110
Golden Crisp calories = 100
Golden Grahams calories = 110
Grape Nuts Flakes calories = 100
Grape-Nuts calories = 110
Great Grains Pecan calories = 120
Honey Graham Ohs calories = 120
Honey Nut Cheerios calories = 110
Honey-comb calories = 110
Just Right Crunchy Nuggets calories = 110
Just Right Fruit & Nut calories = 140
Kix calories = 110
Life calories = 100
Lucky Charms calories = 110
Muesli = 100
Muesli = 100
```

Practice 3

```
1/1 + [ ] [ ]
1: jpbrownjames@cis106: ~
jpbrownjames@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
AMC Hornet;19.0;6;232.0;100.0;2901.;16.0;74;US
AMC Hornet;22.5;6;232.0;90.00;3085.;17.6;76;US
AMC Hornet Sportabout (sw);18.0;6;258.0;110.0;2962.;13.5;71;US
AMC Matador;14.0;8;304.0;150.0;3672.;11.5;73;US
AMC Matador;15.0;6;258.0;110.0;3730.;19.0;75;US
AMC Matador;15.5;8;304.0;120.0;3962.;13.9;76;US
AMC Matador;16.0;6;258.0;110.0;3632.;18.0;74;US
AMC Matador;18.0;6;232.0;100.0;3288.;15.5;71;US
AMC Matador (sw);14.0;8;304.0;150.0;4257.;15.5;74;US
AMC Matador (sw);15.0;8;304.0;150.0;3892.;12.5;72;US
AMC Pacer;19.0;6;232.0;90.00;3211.;17.0;75;US
AMC Pacer d/l;17.5;6;258.0;95.00;3193.;17.8;76;US
AMC Rebel SST;16.0;8;304.0;150.0;3433.;12.0;70;US
AMC Rebel SST (sw);0;8;360.0;175.0;3850.;11.0;70;US
AMC Spirit DL;27.4;4;121.0;80.00;2670.;15.0;79;US
Audi 100LS;20.0;4;114.0;91.00;2582.;14.0;73;Europe
Audi 100LS;23.0;4;115.0;95.00;2694.;15.0;75;Europe
Audi 100 LS;24.0;4;107.0;90.00;2430.;14.5;70;Europe
Audi 4000;34.3;4;97.00;78.00;2188.;15.8;80;Europe
Audi 5000;20.3;5;131.0;103.0;2830.;15.9;78;Europe
Audi 5000s (diesel);36.4;5;121.0;67.00;2950.;19.9;80;Europe
Audi Fox;29.0;4;98.00;83.00;2219.;16.5;74;Europe
BMW 2002;26.0;4;121.0;113.0;2234.;12.5;70;Europe
BMW 320i;21.5;4;121.0;110.0;2600.;12.8;77;Europe
Buick Century;17.0;6;231.0;110.0;3907.;21.0;75;US
Buick Century;22.4;6;231.0;110.0;3415.;15.8;81;US
Buick Century 350;13.0;8;350.0;175.0;4100.;13.0;73;US
Buick Century Limited;25.0;6;181.0;110.0;2945.;16.4;82;US
Buick Century Luxus (sw);13.0;8;350.0;150.0;4699.;14.5;74;US
Buick Century Special;20.6;6;231.0;105.0;3380.;15.8;78;US
Buick Electra 225 Custom;12.0;8;455.0;225.0;4951.;11.0;73;US
Buick Estate Wagon (sw);14.0;8;455.0;225.0;3886.;12.0;70;US
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1:jpbrownjames@cis106: ~/Documents/Csv  AI  □  ×

jpbrownjames@cis106:~/Documents/Csv$ sort -o sorted_cars.csv cars.csv
jpbrownjames@cis106:~/Documents/Csv$ wc -l sorted_cars.csv
408 sorted_cars.csv
jpbrownjames@cis106:~/Documents/Csv$ wc -m sorted_cars.csv
22663 sorted_cars.csv
jpbrownjames@cis106:~/Documents/Csv$ cat sorted_cars.csv | tr ';' ' '
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
AMC Hornet,19.0,6,232.0,100.0,2901.,16.0,74,US
AMC Hornet,22.5,6,232.0,90.00,3085.,17.6,76,US
AMC Hornet Sportabout (sw),18.0,6,258.0,110.0,2962.,13.5,71,US
AMC Matador,14.0,8,304.0,150.0,3672.,11.5,73,US
AMC Matador,15.0,6,258.0,110.0,3730.,19.0,75,US
AMC Matador,15.5,8,304.0,120.0,3962.,13.9,76,US
AMC Matador,16.0,6,258.0,110.0,3632.,18.0,74,US
AMC Matador,18.0,6,232.0,100.0,3288.,15.5,71,US
AMC Matador (sw),14.0,8,304.0,150.0,4257.,15.5,74,US
AMC Matador (sw),15.0,8,304.0,150.0,3892.,12.5,72,US
AMC Pacer,19.0,6,232.0,90.00,3211.,17.0,75,US
AMC Pacer d/l,17.5,6,258.0,95.00,3193.,17.8,76,US
AMC Rebel SST,16.0,8,304.0,150.0,3433.,12.0,70,US
AMC Rebel SST (sw),0,8,360.0,175.0,3850.,11.0,70,US
AMC Spirit DL,27.4,4,121.0,80.00,2670.,15.0,79,US
Audi 100LS,20.0,4,114.0,91.00,2582.,14.0,73,Europe
Audi 100LS,23.0,4,115.0,95.00,2694.,15.0,75,Europe
Audi 100 LS,24.0,4,107.0,90.00,2430.,14.5,70,Europe
Audi 4000,34.3,4,97.00,78.00,2188.,15.8,80,Europe
Audi 5000,20.3,5,131.0,103.0,2830.,15.9,78,Europe
Audi 5000s (diesel),36.4,5,121.0,67.00,2950.,19.9,80,Europe
Audi Fox,29.0,4,98.00,83.00,2219.,16.5,74,Europe
BMW 2002,26.0,4,121.0,113.0,2234.,12.5,70,Europe
BMW 320i,21.5,4,121.0,110.0,2600.,12.8,77,Europe
Buick Century,17.0,6,231.0,110.0,3907.,21.0,75,US
Buick Century,22.4,6,231.0,110.0,3415.,15.8,81,US
Buick Century,25.0,4,121.0,113.0,2234.,12.5,70,Europe

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practice 4

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1/1  +  [ ]  [ ]  Tilix: jpbrownjames
1:jpbrownjames@cis106: ~/Documents/Books  v
jpbrownjames@cis106:~$ cd Documents/Books/
jpbrownjames@cis106:~/Documents/Books$ grep -in "love" pride-and-prejudice.txt
9:by allowance" and "loving with personal love." This distinction applies
33:to their best work than in the case of those others who are loved "by
55:proper thing to love them. And in the sect--fairly large and yet
53:All the minor passages--the loves of Jane and Bingley, the advent of Mr.
66:aversion to actual love. I do not know whether the all-grasping hand of
96:his falling in love at all is not extremely probable. Here again I
98:injured in disposition, and thoroughly in love. As for his being in
99:love, Elizabeth has given as just an exposition of the causes of that
61:anybody who can read between lines will not find the lovers'
70:ladies with whom it might be a pleasure to fall in love; there are at
74:Grant. I should have been most in love with Beatrix and Argemone; I
75:"So much love and eloquence" 156
56:_may_ fall in love with one of them, and therefore you must visit him as
21:persuade you at last. I was sure you loved your girls too well to
33:for your sakes we would do anything. Lydia, my love, though you _are_
72:dancing was a certain step towards falling in love; and very lively
415:way to be very much in love; but she considered with pleasure that it
430:very few of us who have heart enough to be really in love without
450:in love as much as she chooses."
557:imagination is very rapid; it jumps from admiration to love, from love
764:Jane, make haste and tell us; make haste, my love."
334:brother Gardiner's in town so much in love with her, that my
341:discovered the efficacy of poetry in driving away love!"
343:"I have been used to consider poetry as the _food_ of love," said Darcy.
345:"Of a fine, stout, healthy love it may. Everything nourishes what is
321:be a great loss to _me_ to have many such acquaintance. I dearly love a
986:to-day. Lydia, my love, ring the bell. I must speak to Hill this
325:His plan did not vary on seeing them. Miss Bennet's lovely face
705:effects of your loveliness and amiable qualifications. As I must,
707:shall choose to attribute it to your wish of increasing my love by
745:successful love; for Mrs. Bennet, having dawdled about in the vestibule
674:in love with you and wants him to marry Miss Darcy. She follows him to
982:is not such a simpleton. Could she have seen half as much love in Mr.
993:of being in love with you, he is very much in love with her friend."
185:she dared to hope that so much love and eloquence awaited her there.
207: "So much love and eloquence"
241:publish his prosperous love.
290:The possibility of Mr. Collins's fancying himself in love with her
446:while her health was so indifferent, and lovers were of all people the
461:dishonourable to the stability of her lover, she could not prevent its
480:and, luckily for the others, the business of love-making relieved them
603:you. I feel as if I had never done you justice, or loved you as you
614:whom I really love, and still fewer of whom I think well. The more I see
684:known her much longer than they have known me; no wonder if they love

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1/1  +  [ ]  [ ]
1:jpbrownjames@cis106: ~/Documents/Books  v
jpbrownjames@cis106:~/Documents/Books$ grep -ic "love" pride-and-prejudice.txt
131
jpbrownjames@cis106:~/Documents/Books$ grep -ivc "love" pride-and-prejudice.txt
14774
jpbrownjames@cis106:~/Documents/Books$ grep -io "love" love.txt | wc -l
grep: love.txt: No such file or directory
jpbrownjames@cis106:~/Documents/Books$

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1 / 1  +  [ ]  [ ]  
1: jpbrownjames@cis106: ~/Documents/Books  ▾  
jpbrownjames@cis106:~/Documents/Books$ grep -i "^dracula" dracula.txt  
DRACULA  
Dracula, jumping to his feet, said:--  
Dracula, as it may help me to understand. To-night he may talk of  
Dracula was speaking, there was that in his eyes and in his bearing  
Dracula." I suspected him, and determined to test his sincerity.  
Dracula we should go by Galatz, or at any rate through Bucharest, so I  
jpbrownjames@cis106:~/Documents/Books$ grep -Ec "bash|zsh|fish" /etc/passwd  
2  
jpbrownjames@cis106:~/Documents/Books$ grep -Ecv "bash|zsh|fish" /etc/passwd  
49  
jpbrownjames@cis106:~/Documents/Books$ █
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