

# Week Report 7

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## Practice 1

```
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.
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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
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15830
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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
```

jaleman2@jaleman2-Virtua1Box:~\$

## Practice 2

```
jaleman2@jaleman2-VirtualBox:~$ 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
uidd
usbmux
tss
systemd-oom
kernoops
whoopsie
dnsmasq
avahi
tcpdump
sssd
speech-dispatcher
```

---

```
jaleman2@jaleman2-VirtualBox:~$ 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:/
uidd:/run/uidd
usbmux:/var/lib/usbmux
tss:/var/lib/tpm
systemd-oom:/
kernoops:/
whoopsie:/nonexistent
dnsmasq:/var/lib/misc
avahi:/run/avahi-daemon
tcpdump:/nonexistent
sssd:/var/lib/sss
speech-dispatcher:/run/speech-dispatcher
```

---

```
jaleman2@jaleman2-VirtualBox:~$ cut -d":" -f1,6,7 --output-delimiter="
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
uidd > /run/uidd > /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
sssd > /var/lib/sss > /usr/sbin/nologin
speech-dispatcher > /run/speech-dispatcher > /bin/false

jaleman2@jaleman2-VirtualBox:~$ 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
```

```
jaleman2@jaleman2-VirtualBox:~$ 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
```

## Practice 3

```
jaleman2@jaleman2-VirtualBox:~$ 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
```

## Practice 4

```
jaleman2@jaleman2-VirtualBox:~$ cd ~/Documents/Books
jaleman2@jaleman2-VirtualBox:~/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
1736:Jane, make haste and tell us; make haste, my love."
2306:brother Gardiner's in town so much in love with her, that my
2313:discovered the efficacy of poetry in driving away love!"
2315:"I have been used to consider poetry as the _food_ of love," said Darcy.
2317:"Of a fine, stout, healthy love it may. Everything nourishes what is
2793:be a great loss to _me_ to have many such acquaintance. I dearly love a
2958:to-day. Lydia, my love, ring the bell. I must speak to Hill this
3297:His plan did not vary on seeing them. Miss Bennet's lovely face
4677:the effects of your loveliness and amiable qualifications. As I must,
4679:shall choose to attribute it to your wish of increasing my love by
4717:successful love; for Mrs. Bennet, having dawdled about in the vestibule
5046:in love with you and wants him to marry Miss Darcy. She follows him to
5054:is not such a simpleton. Could she have seen half as much love in Mr.
5065:of being in love with you, he is very much in love with her friend."

jaleman2@jaleman2-VirtualBox:~/Documents/Books$ grep -ic "love" pride-and-prejudice.txt
131
jaleman2@jaleman2-VirtualBox:~/Documents/Books$ grep -ivc "love" pride-and-prejudice.txt
14402
jaleman2@jaleman2-VirtualBox:~/Documents/Books$ grep -io "love" love.txt | wc -l
wc: invalid option -- 'l'
Try 'wc --help' for more information.
grep: love.txt: No such file or directory
jaleman2@jaleman2-VirtualBox:~/Documents/Books$ grep -io "love" pride-and-prejudice.txt | wc -l
wc: invalid option -- 'l'
Try 'wc --help' for more information.
jaleman2@jaleman2-VirtualBox:~/Documents/Books$ grep -io "love" pride-and-prejudice.txt | wc -l
135
jaleman2@jaleman2-VirtualBox:~/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
jaleman2@jaleman2-VirtualBox:~/Documents/Books$ grep -Ec "bash|zsh|fish" /etc/passwd
2
jaleman2@jaleman2-VirtualBox:~/Documents/Books$ grep -Ecv "bash|zsh|fish" /etc/passwd
49
jaleman2@jaleman2-VirtualBox:~/Documents/Books$ []
```