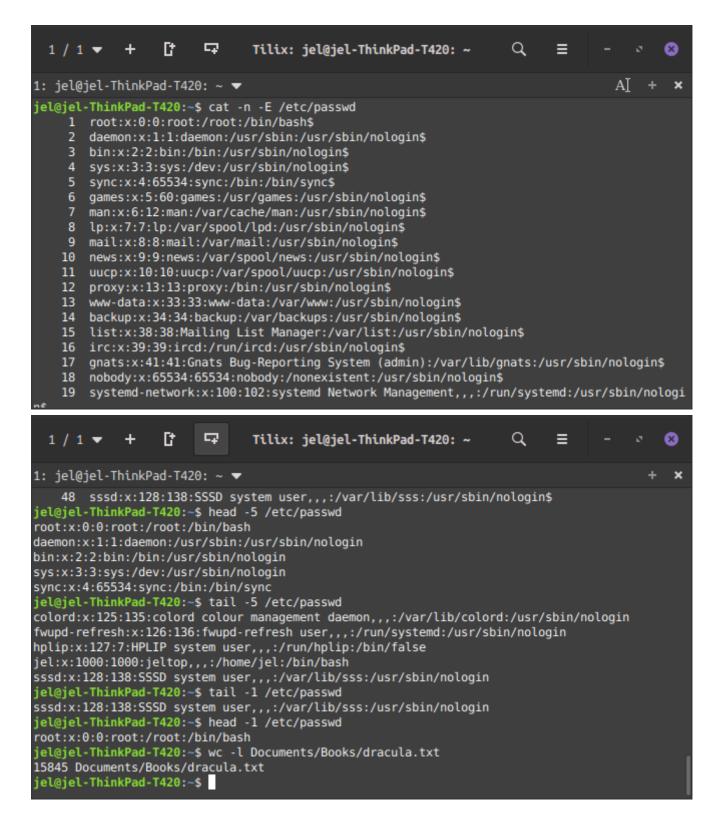
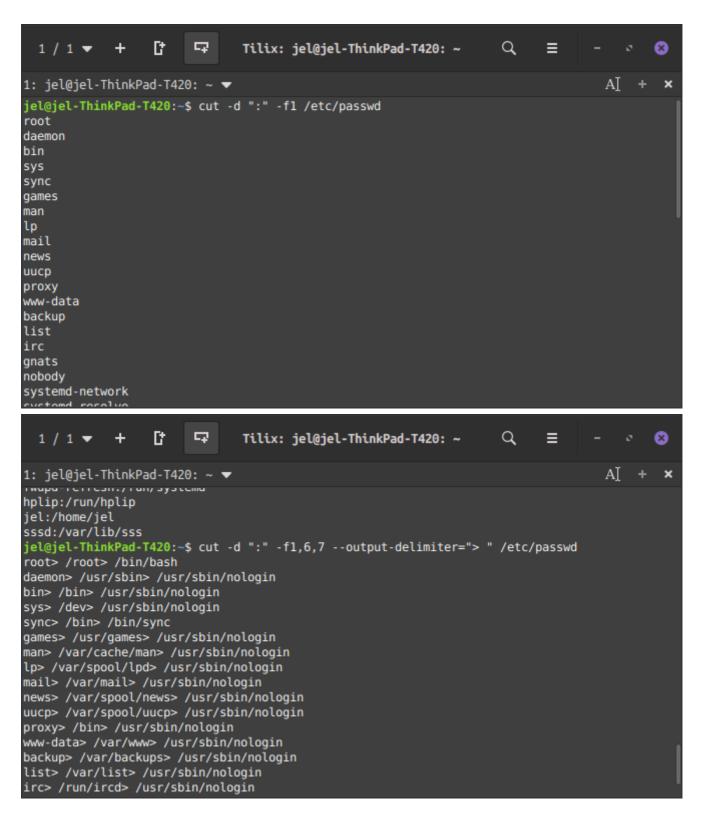
Week Report 7

Practice 1

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1: jel@jel-ThinkPad-T420: ~ ▼
jel@jel-ThinkPad-T420:~$ 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
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
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1: jel@jel-ThinkPad-T420: ~ ▼
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jel@jel-ThinkPad-T420:~$ tac /etc/passwd
sssd:x:128:138:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin
jel:x:1000:1000:jeltop,,,:/home/jel:/bin/bash
hplip:x:127:7:HPLIP system user,,,:/run/hplip:/bin/false
fwupd-refresh:x:126:136:fwupd-refresh user,,,:/run/systemd:/usr/sbin/nologin
colord:x:125:135:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
saned:x:124:134::/var/lib/saned:/usr/sbin/nologin
avahi:x:123:133:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin
_flatpak:x:122:132:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin
pulse:x:121:129:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
dnsmasq:x:120:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
geoclue:x:119:128::/var/lib/geoclue:/usr/sbin/nologin
nm-openvpn:x:118:127:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
usbmux:x:117:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
avahi-autoipd:x:116:126:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin
speech-dispatcher:x:115:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
tcpdump:x:114:123::/nonexistent:/usr/sbin/nologin
lightdm:x:113:121:Light Display Manager:/var/lib/lightdm:/bin/false
cups-pk-helper:x:112:115:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/no
login
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Practice 2



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Total Corn Flakes
Total Raisin Bran
Total Whole Grain
Triples
Trix
Wheat Chex
Wheaties
Wheaties Honey Gold
jel@jel-ThinkPad-T420:~$ 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
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1: jel@jel-ThinkPad-T420: ~ ▼
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jel@jel-ThinkPad-T420:~$ history 10
  682 history 5
  683 cut -d ":" -f1 /etc/passwd
  684 cut -d ":" -f1,6 /etc/passwd
  685 cut -d ": " -f1,6,7 --output-delimiter="> " /etc/passwd
      cut -d ";" -f1 ~/Documents/Csv/cereal.csv
      cut -d ";" -f1,4 --output-delimiter=" [calories]= " ~/Documents/Csv/cereal.csv
      history 5
  689
      history 7
 690
      clear
  691 history 10
jel@jel-ThinkPad-T420:~$
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Practice 3

C† 1/1 - + 귝 Tilix: jel@jel-ThinkPad-T420: ~ Q ≡ 1: jel@jel-ThinkPad-T420: ~ ▼ Toyota Corolla Liftback; 29.8; 4; 134.0; 90.00; 2711.; 15.5; 80; Japan Toyota Corolla Mark ii;24.0;4;113.0;95.00;2372.;15.0;70;Japan Toyota Corolla Mark II (sw);23.0;4;120.0;97.00;2506.;14.5;72;Japan Toyota Corolla Tercel;38.1;4;89.00;60.00;1968.;18.8;80;Japan Toyota Cressida; 25.4;6;168.0;116.0;2900.;12.6;81; Japan Toyota Mark II;19.0;6;156.0;108.0;2930.;15.5;76;Japan Toyota Mark II;20.0;6;156.0;122.0;2807.;13.5;73;Japan Toyota Starlet; 39.1; 4; 79.00; 58.00; 1755.; 16.9; 81; Japan Toyota Tercel; 37.7;4;89.00;62.00;2050.;17.3;81; Japan Triumph TR7 Coupe; 35.0; 4; 122.0; 88.00; 2500.; 15.1; 80; Europe Volkswagen 1131 Deluxe Sedan; 26.0; 4; 97.00; 46.00; 1835.; 20.5; 70; Europe Volkswagen 411 (sw);22.0;4;121.0;76.00;2511.;18.0;72;Europe Volkswagen Dasher; 25.0; 4; 90.00; 71.00; 2223.; 16.5; 75; Europe Volkswagen Dasher; 26.0; 4; 79.00; 67.00; 1963.; 15.5; 74; Europe Volkswagen Dasher; 30.5; 4; 97.00; 78.00; 2190.; 14.1; 77; Europe Volkswagen Dasher (diesel);43.4;4;90.00;48.00;2335.;23.7;80;Europe Volkswagen Jetta; 33.0; 4; 105.0; 74.00; 2190.; 14.2; 81; Europe 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 jel@jel-ThinkPad-T420:~\$ C† 귝 Q 1 / 1 🔻 + Tilix: jel@jel-ThinkPad-T420: ~ \equiv 0 1: jel@jel-ThinkPad-T420: ~ ▼ Toyota Starlet; 39.1; 4; 79.00; 58.00; 1755.; 16.9; 81; Japan Toyota Tercel; 37.7;4;89.00;62.00;2050.;17.3;81; Japan Triumph TR7 Coupe; 35.0; 4; 122.0; 88.00; 2500.; 15.1; 80; Europe Volkswagen 1131 Deluxe Sedan; 26.0; 4; 97.00; 46.00; 1835.; 20.5; 70; Europe Volkswagen 411 (sw);22.0;4;121.0;76.00;2511.;18.0;72;Europe Volkswagen Dasher; 25.0; 4; 90.00; 71.00; 2223.; 16.5; 75; Europe Volkswagen Dasher; 26.0; 4; 79.00; 67.00; 1963.; 15.5; 74; Europe Volkswagen Dasher; 30.5; 4; 97.00; 78.00; 2190.; 14.1; 77; Europe Volkswagen Dasher (diesel);43.4;4;90.00;48.00;2335.;23.7;80;Europe Volkswagen Jetta;33.0;4;105.0;74.00;2190.;14.2;81;Europe Volkswagen Model 111:27.0:4:97.00:60.00:1834.:19.0:71:Furone

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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
jel@jel-ThinkPad-T420:~$ sort -o Documents/Csv/sorted cars.csv Documents/Csv/cars.
jel@jel-ThinkPad-T420:~$ wc -l sorted cars.csv
408 sorted cars.csv
jel@jel-ThinkPad-T420:~$ wc -m sorted cars.csv
22663 sorted cars.csv
jel@jel-ThinkPad-T420:~$ cat sorted_cars.csv | tr ';' ', '
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Toyota Corolla Liftback, 29.8, 4, 134.0, 90.00, 2711., 15.5, 80, Japan
Toyota Corolla Mark ii,24.0,4,113.0,95.00,2372.,15.0,70,Japan
Toyota Corolla Mark II (sw),23.0,4,120.0,97.00,2506.,14.5,72,Japan
Toyota Corolla Tercel, 38.1, 4, 89.00, 60.00, 1968., 18.8, 80, Japan
Toyota Cressida, 25.4,6,168.0,116.0,2900.,12.6,81, Japan
Toyota Mark II,19.0,6,156.0,108.0,2930.,15.5,76,Japan
Toyota Mark II,20.0,6,156.0,122.0,2807.,13.5,73,Japan
Toyota Starlet, 39.1, 4, 79.00, 58.00, 1755., 16.9, 81, Japan
Toyota Tercel, 37.7, 4, 89.00, 62.00, 2050., 17.3, 81, Japan
Triumph TR7 Coupe, 35.0, 4, 122.0, 88.00, 2500., 15.1, 80, Europe
Volkswagen 1131 Deluxe Sedan, 26.0, 4, 97.00, 46.00, 1835., 20.5, 70, Europe
Volkswagen 411 (sw),22.0,4,121.0,76.00,2511.,18.0,72,Europe
Volkswagen Dasher, 25.0, 4, 90.00, 71.00, 2223., 16.5, 75, Europe
Volkswagen Dasher, 26.0, 4, 79.00, 67.00, 1963., 15.5, 74, Europe
Volkswagen Dasher, 30.5, 4, 97.00, 78.00, 2190., 14.1, 77, Europe
Volkswagen Dasher (diesel),43.4,4,90.00,48.00,2335.,23.7,80,Europe
Volkswagen Jetta, 33.0, 4, 105.0, 74.00, 2190., 14.2, 81, Europe
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
jel@jel-ThinkPad-T420:~$
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Practice 4

Dt . 다 Tilix: jel@jel-ThinkPad-T420: ~ □ 1: jel@jel-ThinkPad-T420: ~ ▼ jel@jel-ThinkPad-T420:~\$ grep -i -n "love" Documents/Books/pride-and-prejudice.txt by allowance" and "loving with personal love." This distinction applies ito their best work than in the case of those others who are love 77:proper thing to ${f love}$ 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 <mark>love</mark>. 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 e, Elizabeth has given as just an exposition of the causes of that 133:anybody who can read between lines will not find the lovers' 42: ladies with whom it might be a pleasure to fall in lo ; there are at 146:Grant. I should have been most in love with Beatrix and Argemone; I 547:"So much love and eloquence" 28: may fall in love with one of them, and therefore you must visit him as 193: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 402: very few of us who have heart enough to be really in love without 1422:in lo e as much as she chooses." 1629:imagination is very rapid; it jumps from admiration to love, from love .736:Jane, make haste and tell us; make haste, my **love**." 306:brother Gardiner's in town so much in love with her, that my 313:discovered the efficacy of poetry in driving away love!"
315:"I have been used to consider poetry as the _food_ of love," said Darcy. 317: "Of a fine, stout, healthy love it may. Everything nourishes what is 793:be a great loss to ${\sf _me}$ to have many such acquaintance. I dearly ${\sf l}$ 2958:to-day. Lydia, my love, ring the bell. I must speak to Hill this 297:His plan did not vary on seeing them. Miss Bennet's lovely face 1677:the effects of your loveliness and amiable qualifications. As I must, 1679:shall choose to attribute it to your wish of increasing my love by 717: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 054:is not such a simpleton. Could she have seen half as much love in Mr. 5065:of being in <mark>love</mark> with you, he is very much in <mark>love</mark> with her friend." 3157:she dared to hope that so much love and eloquence awaited her there. "So much love and eloquence" 213:publish his prosperous 262:The possibility of Mr. Collins's fancying himself in love with her 418:while her health was so indifferent, and lovers were of all people the 433:dishonourable to the stability of her lover—she could not prevent its

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4352:being
              oved by her sister.
           "I wish you joy. If you love Mr. Darcy half so well as I do my dear
14491:was exactly what Darcy had hoped to see. They were able to f low
14516:as well as Elizabeth, really loved them; and they were both ever
jel@jel-ThinkPad-T420:~$ grep -i -c "love" Documents/Books/pride-and-prejudice.txt
131
jel@jel-ThinkPad-T420:~$ grep -i -v -c "love" Documents/Books/pride-and-prejudice.
txt
14402
jel@jel-ThinkPad-T420:~$ grep -i "love" Documents/Books/pride-and-prejudice.txt |
wc -l
131
jel@jel-ThinkPad-T420:~$ grep -i "^dracula" Documents/Books/dracula.txt
  racula, jumping to his feet, said:--
racula, as it may help me to understand. To-night he may talk of
       was speaking, there was that in his eyes and in his bearing
      a." I suspected him, and determined to test his sincerity.
       we should go by Galatz, or at any rate through Bucharest, so I
jel@jel-ThinkPad-T420:~$ grep "bash|fish|zsh" /etc/passwd
jel@jel-ThinkPad-T420:~$ grep -Ec "bash|fish|zsh" /etc/passwd
2
jel@jel-ThinkPad-T420:~$ grep -Ec "bash" /etc/passwd
jel@jel-ThinkPad-T420:~$ grep -c "bash" /etc/passwd
jel@jel-ThinkPad-T420:~$ grep -vc "bash" /etc/passwd
46
jel@jel-ThinkPad-T420:~$
```