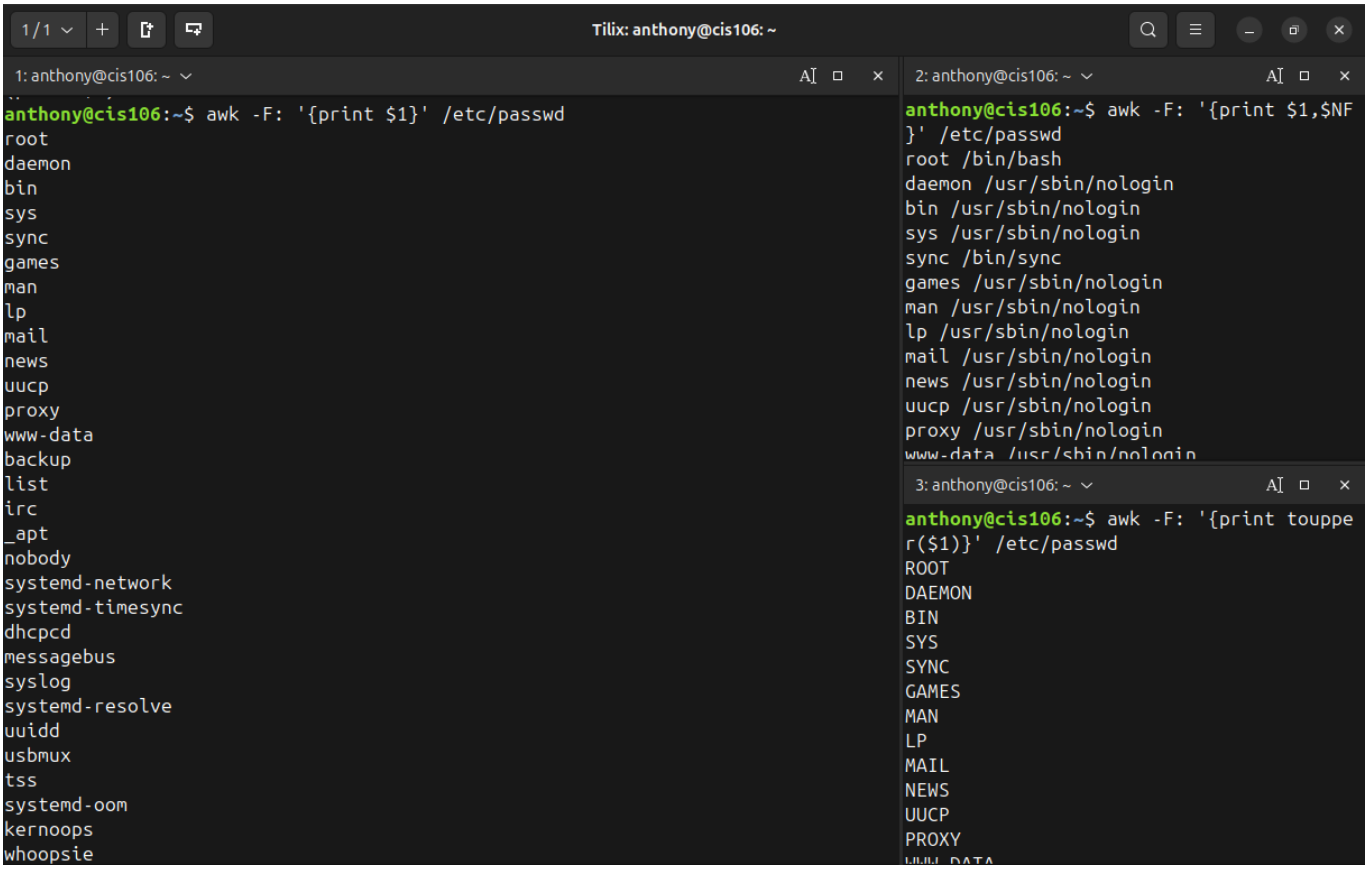
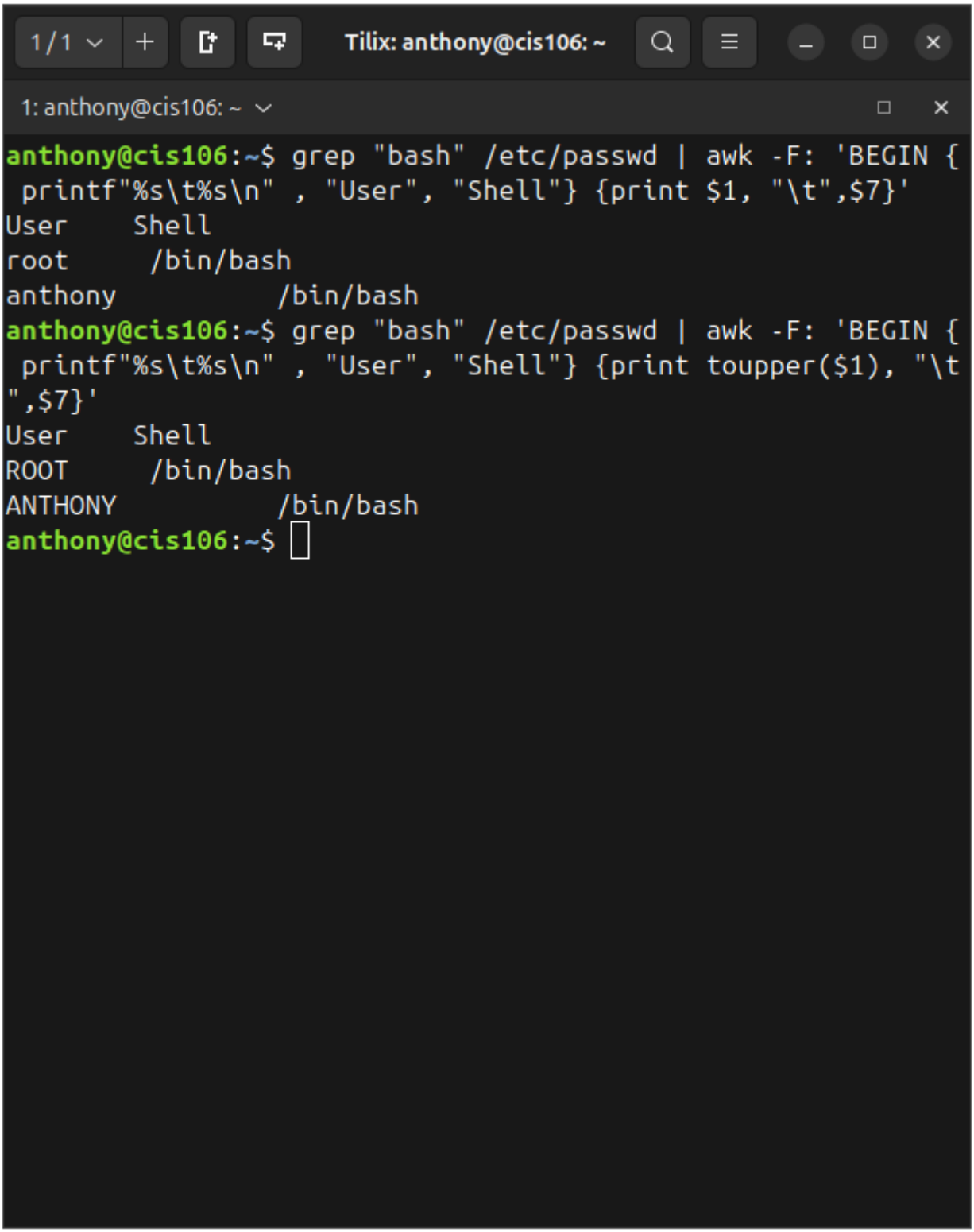
Week Report 7

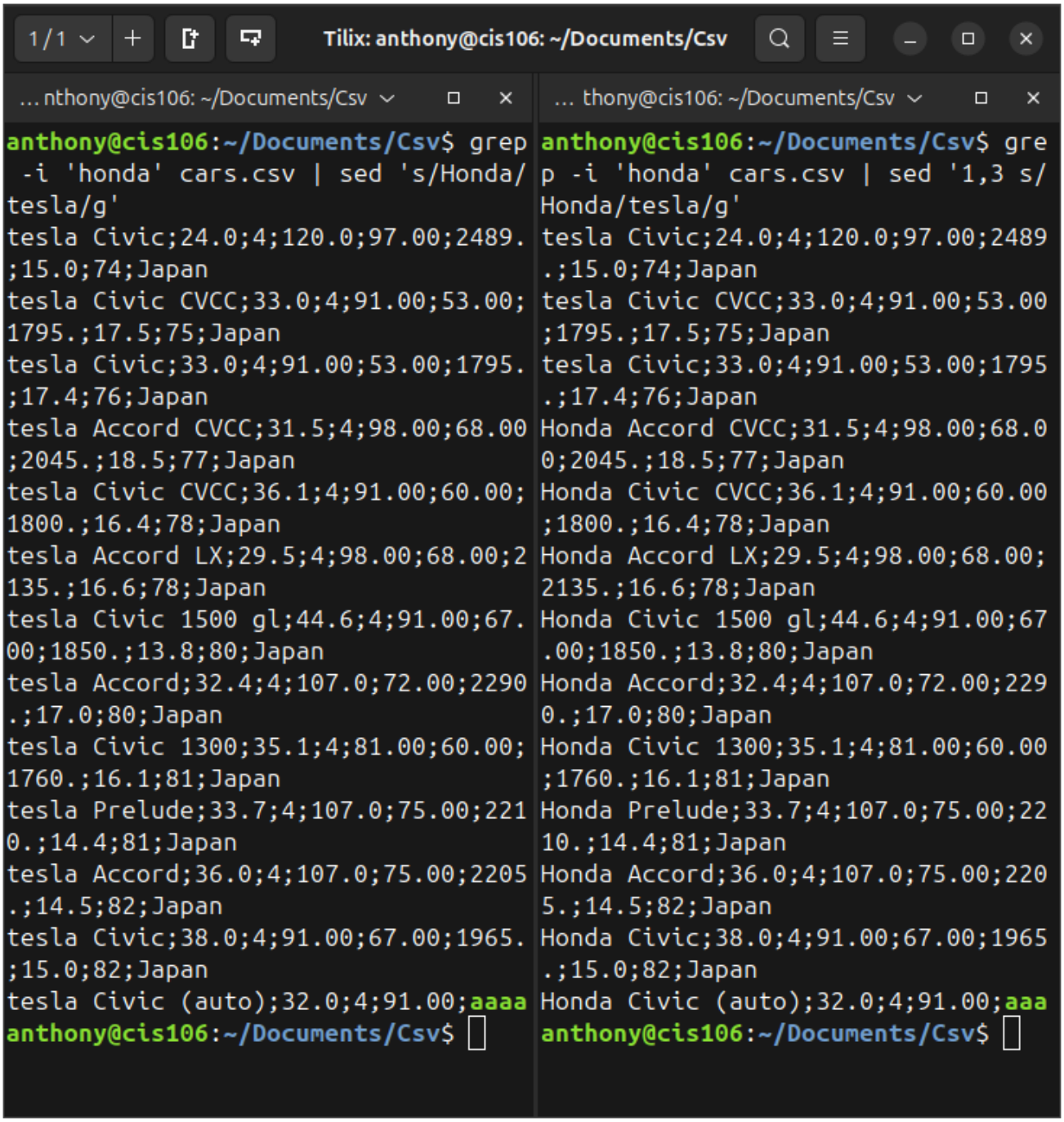
Practice

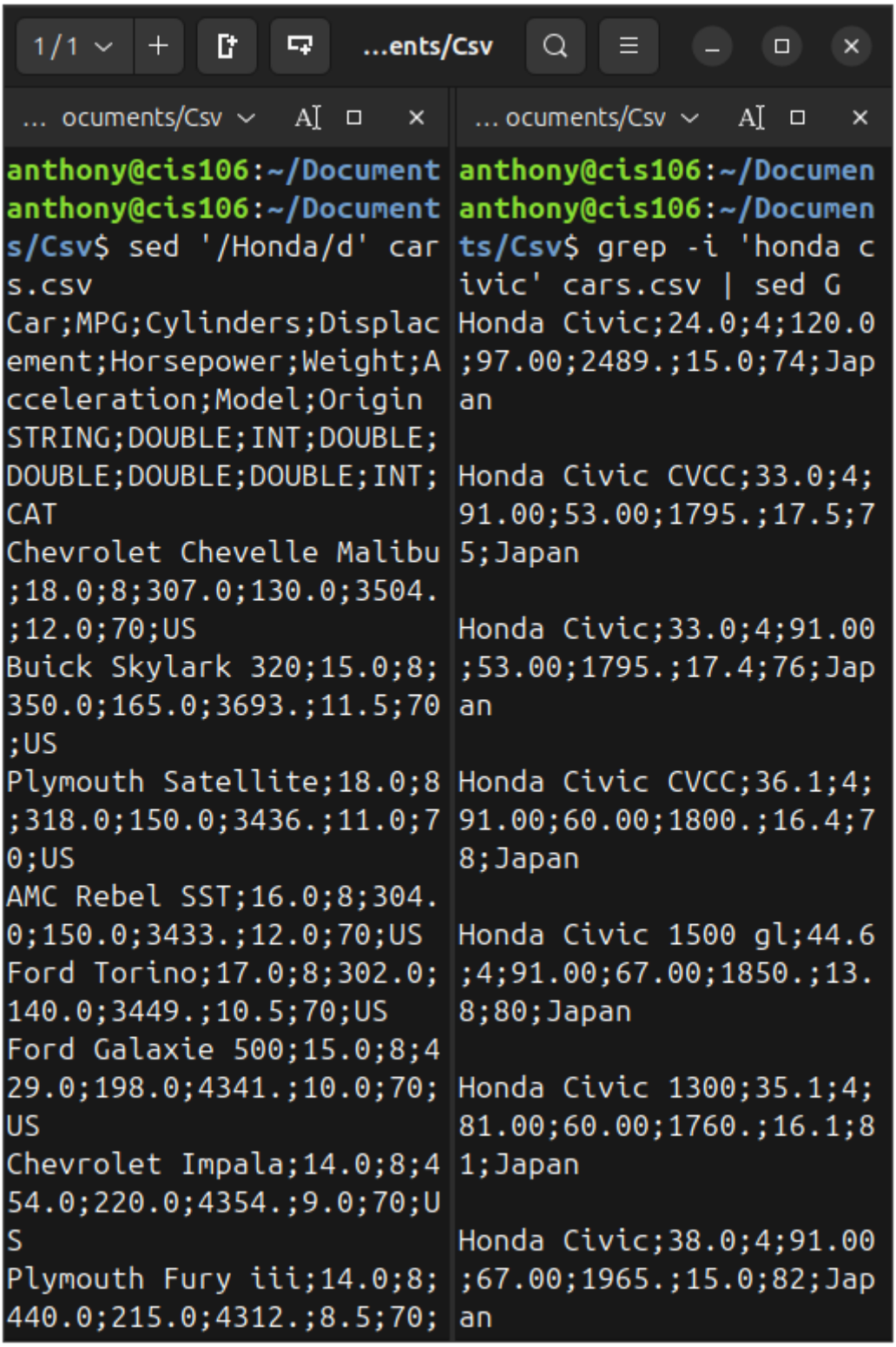
Practice 5



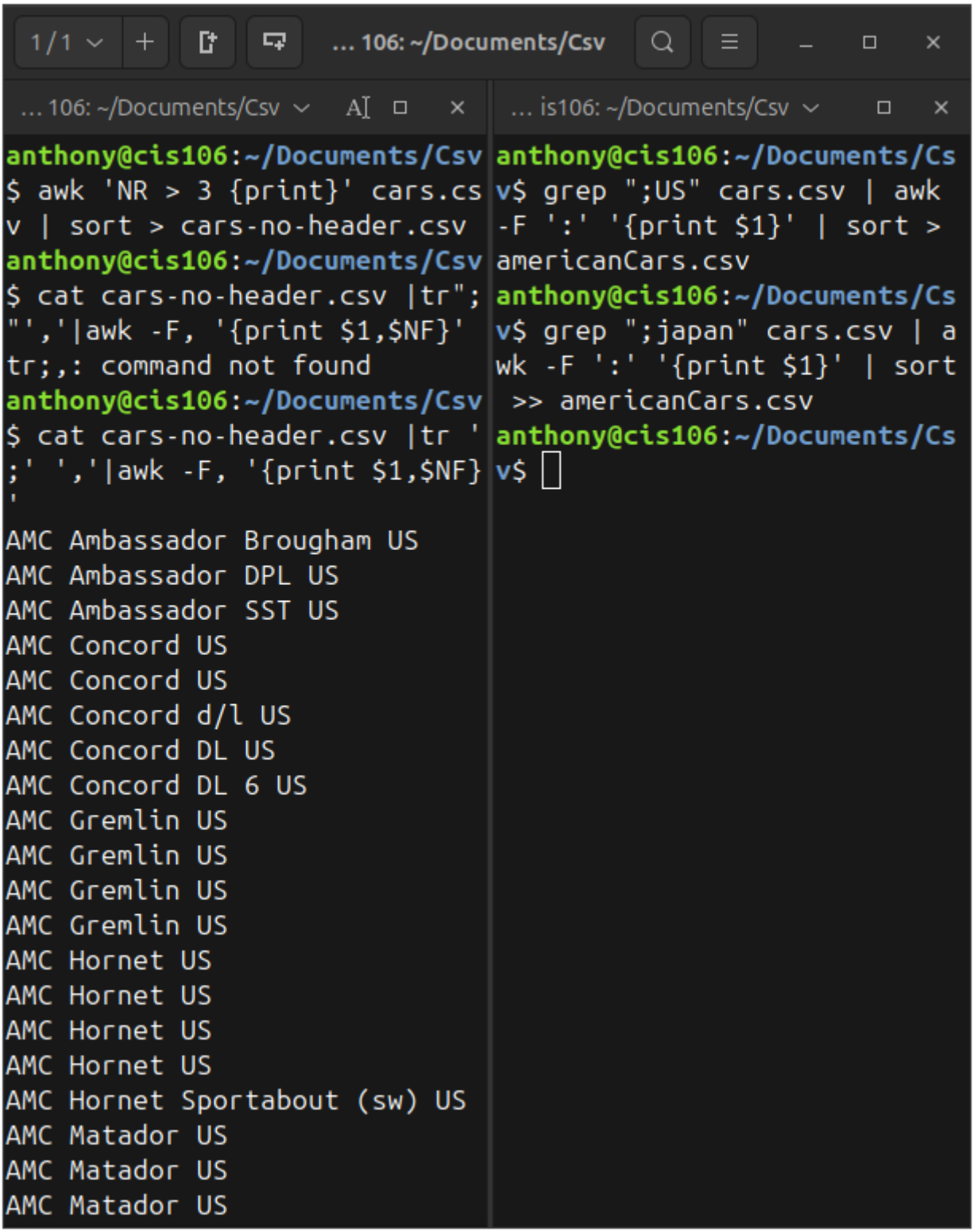

1 / 1
Tilix: anthony@cis106: ~
1: anthony@cis106: ~
anthony@cis106:~$ grep "bash" /etc/passwd | awk -F: 'BEGIN {
printf"%s\t%s\n" , "User", "Shell"} {print $1, "\t",$7}'
User Shell
root /bin/bash
anthony /bin/bash
anthony@cis106:~$ grep "bash" /etc/passwd | awk -F: 'BEGIN {
printf"%s\t%s\n" , "User", "Shell"} {print toupper($1), "\t
",$7}'
User Shell
ROOT /bin/bash
ANTHONY /bin/bash
anthony@cis106:~$

Practice 6


1 / 1
Tilix: anthony@cis106: ~/Documents/Csv
... nthony@cis106: ~/Documents/Csv
... thony@cis106: ~/Documents/Csv
anthony@cis106:~/Documents/Csv$ grep -i 'honda' cars.csv | sed 's/Honda/tesla/g'
tesla Civic;24.0;4;120.0;97.00;2489.;15.0;74;Japan
tesla Civic CVCC;33.0;4;91.00;53.00;1795.;17.5;75;Japan
tesla Civic;33.0;4;91.00;53.00;1795.;17.4;76;Japan
tesla Accord CVCC;31.5;4;98.00;68.00;2045.;18.5;77;Japan
tesla Civic CVCC;36.1;4;91.00;60.00;1800.;16.4;78;Japan
tesla Accord LX;29.5;4;98.00;68.00;2135.;16.6;78;Japan
tesla Civic 1500 gl;44.6;4;91.00;67.00;1850.;13.8;80;Japan
tesla Accord;32.4;4;107.0;72.00;2290.;17.0;80;Japan
tesla Civic 1300;35.1;4;81.00;60.00;1760.;16.1;81;Japan
tesla Prelude;33.7;4;107.0;75.00;2210.;14.4;81;Japan
tesla Accord;36.0;4;107.0;75.00;2205.;14.5;82;Japan
tesla Civic;38.0;4;91.00;67.00;1965.;15.0;82;Japan
tesla Civic (auto);32.0;4;91.00;aaaa
anthony@cis106:~/Documents/Csv$
anthony@cis106:~/Documents/Csv$ grep -i 'honda' cars.csv | sed '1,3 s/Honda/tesla/g'
tesla Civic;24.0;4;120.0;97.00;2489.;15.0;74;Japan
tesla Civic CVCC;33.0;4;91.00;53.00;1795.;17.5;75;Japan
tesla Civic;33.0;4;91.00;53.00;1795.;17.4;76;Japan
Honda Accord CVCC;31.5;4;98.00;68.00;2045.;18.5;77;Japan
Honda Civic CVCC;36.1;4;91.00;60.00;1800.;16.4;78;Japan
Honda Accord LX;29.5;4;98.00;68.00;2135.;16.6;78;Japan
Honda Civic 1500 gl;44.6;4;91.00;67.00;1850.;13.8;80;Japan
Honda Accord;32.4;4;107.0;72.00;2290.;17.0;80;Japan
Honda Civic 1300;35.1;4;81.00;60.00;1760.;16.1;81;Japan
Honda Prelude;33.7;4;107.0;75.00;2210.;14.4;81;Japan
Honda Accord;36.0;4;107.0;75.00;2205.;14.5;82;Japan
Honda Civic;38.0;4;91.00;67.00;1965.;15.0;82;Japan
Honda Civic (auto);32.0;4;91.00;aaa
anthony@cis106:~/Documents/Csv$


1 / 1
...ents/Csv
... ocuments/Csv
... ocuments/Csv
anthony@cis106:~/Document
anthony@cis106:~/Document
s/Csv$ sed '/Honda/d' car
s.csv
Car;MPG;Cylinders;Displac
ement;Horsepower;Weight;A
cceleration;Model;Origin
STRING;DOUBLE;INT;DOUBLE;
DOUBLE;DOUBLE;DOUBLE;INT;
CAT
Chevrolet Chevelle Malibu
;18.0;8;307.0;130.0;3504.
;12.0;70;US
Buick Skylark 320;15.0;8;
350.0;165.0;3693.;11.5;70
;US
Plymouth Satellite;18.0;8
;318.0;150.0;3436.;11.0;7
0;US
AMC Rebel SST;16.0;8;304.
0;150.0;3433.;12.0;70;US
Ford Torino;17.0;8;302.0;
140.0;3449.;10.5;70;US
Ford Galaxie 500;15.0;8;4
29.0;198.0;4341.;10.0;70;
US
Chevrolet Impala;14.0;8;4
54.0;220.0;4354.;9.0;70;U
S
Plymouth Fury iii;14.0;8;
440.0;215.0;4312.;8.5;70;
anthony@cis106:~/Documen
anthony@cis106:~/Documen
ts/Csv$ grep -i 'honda c
ivic' cars.csv | sed G
Honda Civic;24.0;4;120.0
;97.00;2489.;15.0;74;Jap
an
Honda Civic CVCC;33.0;4;
91.00;53.00;1795.;17.5;7
5;Japan
Honda Civic;33.0;4;91.00
;53.00;1795.;17.4;76;Jap
an
Honda Civic CVCC;36.1;4;
91.00;60.00;1800.;16.4;7
8;Japan
Honda Civic 1500 gl;44.6
;4;91.00;67.00;1850.;13.
8;80;Japan
Honda Civic 1300;35.1;4;
81.00;60.00;1760.;16.1;8
1;Japan
Honda Civic;38.0;4;91.00
;67.00;1965.;15.0;82;Jap
an

Practice 7


1 / 1
... 106: ~/Documents/Csv
... 106: ~/Documents/Csv
... is106: ~/Documents/Csv
anthony@cis106:~/Documents/Csv
$ awk 'NR > 3 {print}' cars.csv | sort > cars-no-header.csv
anthony@cis106:~/Documents/Csv
$ cat cars-no-header.csv |tr";"','|awk -F, '{print $1,$NF}'
tr;,: command not found
anthony@cis106:~/Documents/Csv
$ cat cars-no-header.csv |tr ';' ','|awk -F, '{print $1,$NF}'
AMC Ambassador Brougham US
AMC Ambassador DPL US
AMC Ambassador SST US
AMC Concord US
AMC Concord US
AMC Concord d/l US
AMC Concord DL US
AMC Concord DL 6 US
AMC Gremlin US
AMC Gremlin US
AMC Gremlin US
AMC Gremlin US
AMC Hornet US
AMC Hornet US
AMC Hornet US
AMC Hornet US
AMC Hornet Sportabout (sw) US
AMC Matador US
AMC Matador US
AMC Matador US
anthony@cis106:~/Documents/Csv$ grep ";US" cars.csv | awk -F ':' '{print $1}' | sort > americanCars.csv
anthony@cis106:~/Documents/Csv$ grep ";japan" cars.csv | awk -F ':' '{print $1}' | sort >> americanCars.csv
anthony@cis106:~/Documents/Csv$