

# Week Report 8

## Practice 5

1/1 + [icons]

Tilix: esantos@cis106desktop: ~/Documents/Books

[icons]

1: esantos@cis106desktop: ~

esantos@cis106desktop:~\$ awk -F: '{print \$1}' /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

2: esantos@cis106desktop: ~

esantos@cis106desktop:~\$ awk -F: '{print \$1,\$NF}' /etc/passwd

tc/passwd  
root /bin/bash  
daemon /usr/sbin/nologin  
bin /usr/sbin/nologin  
sys /usr/sbin/nologin  
sync /bin/sync  
games /usr/sbin/nologin  
man /usr/sbin/nologin  
lp /usr/sbin/nologin  
mail /usr/sbin/nologin  
news /usr/sbin/nologin  
uucp /usr/sbin/nologin  
proxy /usr/sbin/nologin  
www-data /usr/sbin/nologin  
backup /usr/sbin/nologin  
list /usr/sbin/nologin  
irc /usr/sbin/nologin  
\_apt /usr/sbin/nologin  
nobody /usr/sbin/nologin  
systemd-network /usr/sbin/nologin  
systemd-timesync /usr/sbin/nologin  
dhcpcd /bin/false  
messagebus /usr/sbin/nologin  
syslog /usr/sbin/nologin  
systemd-resolve /usr/sbin/nologin  
uuidd /usr/sbin/nologin  
usbmux /usr/sbin/nologin  
tss /bin/false  
systemd-oom /usr/sbin/nologin  
kernoops /usr/sbin/nologin  
whoopsie /bin/false  
dnsmasq /usr/sbin/nologin  
avahi /usr/sbin/nologin  
tcpdump /usr/sbin/nologin  
sssd /usr/sbin/nologin  
speech-dispatcher /bin/false  
cups-pk-helper /usr/sbin/nologin  
fwupd-refresh /usr/sbin/nologin  
saned /usr/sbin/nologin  
geoclue /usr/sbin/nologin  
cups-browsed /usr/sbin/nologin  
hplip /bin/false  
gnome-remote-desktop /usr/sbin/nologin  
polkitd /usr/sbin/nologin  
rtkit /usr/sbin/nologin

3: esantos@cis106desktop: ~

esantos@cis106desktop:~\$ awk -F: '{print toupper(\$1)}' /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  
UUID  
USBMUX  
TSS  
SYSTEMD-OOM  
KERNOOPS  
WHOOPSIE  
DNSMASQ  
AVAHI  
TCPDUMP  
SSSD  
SPEECH-DISPATCHER  
CUPS-PK-HELPER  
FWUPD-REFRESH  
SANED  
GEOCLUE  
CUPS-BROWSED  
HPLIP  
GNOME-REMOTE-DESKTOP  
POLKITD  
RTKIT

4: esantos@cis106desktop: ~/Documents/Books

esantos@cis106desktop:~/Documents/Books\$ grep "bin/bash/" /etc/passwd | awk -F: 'BEGIN { printf "%s\t%s\n", "USER", "LOGIN SHELL"} {print \$1,"\t",\$7}'

JSER LOGIN SHELL

esantos@cis106desktop:~/Documents/Books\$ grep "bin/bash/" /etc/passwd | awk -F: 'BEGIN { printf "%s\t%s\n", "USER", "LOGIN SHELL"} {print toupper(\$1),"\t",\$7}'

JSER LOGIN SHELL

esantos@cis106desktop:~/Documents/Books\$

## Practice 6

1/1 +

Tilix: esantos@cis106desktop: ~/Documents/Csv

1: esantos@cis106desktop: ~/Documents/Csv ▾

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esantos@cis106desktop:~\$ cd Documents/Csv/  
esantos@cis106desktop:~/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;67.00;1965.;15.7;82;Japan  
esantos@cis106desktop:~/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;67.00;1965.;15.7;82;Japan  
esantos@cis106desktop:~/Documents/Csv\$ sed '/Honda/d' cars.csv  
Car;MPG;Cylinders;Displacement;Horsepower;Weight;Acceleration;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;70;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;429.0;198.0;4341.;10.0;70;US  
Chevrolet Impala;14.0;8;454.0;220.0;4354.;9.0;70;US  
Plymouth Fury iii;14.0;8;440.0;215.0;4312.;8.5;70;US  
Pontiac Catalina;14.0;8;455.0;225.0;4425.;10.0;70;US  
AMC Ambassador DPL;15.0;8;390.0;190.0;3850.;8.5;70;US  
Citroen DS-21 Pallas;0;4;133.0;115.0;3090.;17.5;70;Europe  
Chevrolet Chevelle Concours (sw);0;8;350.0;165.0;4142.;11.5;70;US  
Ford Torino (sw);0;8;351.0;153.0;4034.;11.0;70;US

2: esantos@cis106desktop: ~/Documents/Csv ▾

A

esantos@cis106desktop:~\$ cd Documents/Csv/  
esantos@cis106desktop:~/Documents/Csv\$ grep -i 'honda civic' cars.csv | sed G  
Honda Civic;24.0;4;120.0;97.00;2489.;15.0;74;Japan  
  
Honda Civic CVCC;33.0;4;91.00;53.00;1795.;17.5;75;Japan  
  
Honda Civic;33.0;4;91.00;53.00;1795.;17.4;76;Japan  
  
Honda Civic CVCC;36.1;4;91.00;60.00;1800.;16.4;78;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;81;Japan  
  
Honda Civic;38.0;4;91.00;67.00;1965.;15.0;82;Japan  
  
Honda Civic (auto);32.0;4;91.00;67.00;1965.;15.7;82;Japan  
  
esantos@cis106desktop:~/Documents/Csv\$ █

Practice 7

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1 / 1 + [ ] [ ]
Tilix: esantos@cis106desktop: ~/Documents/Csv

1: esantos@cis106desktop: ~/Documents/Csv ~
esantos@cis106desktop:~$ cd Documents/Csv/
esantos@cis106desktop:~/Documents/Csv$ awk 'NR > 3 {print}' cars.csv | sort > cars-no-header.csv
esantos@cis106desktop:~/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

2: esantos@cis106desktop: ~/Documents/Csv ~
esantos@cis106desktop:~$ cd Documents/Csv/
esantos@cis106desktop:~/Documents/Csv$ cat cars-no-header.csv | tr ';' ' ' | awk -F, '{print $1}' > cars-brands.csv
esantos@cis106desktop:~/Documents/Csv$ ls
all_csv_files.txt cars-brands.csv cars.csv cars-no-header.csv cereal.csv contacts.csv country.csv film.csv sorted_cars.csv test.sh
esantos@cis106desktop:~/Documents/Csv$ grep ";US" cars.csv awk -F ';' '{print $1}' | sort > americanCars.csv
grep: awk: No such file or directory
grep: ;: No such file or directory
grep: {print $1}: No such file or directory
esantos@cis106desktop:~/Documents/Csv$ grep ";US" cars.csv | awk -F ';' '{print $1}' | sort > americanCars.csv
esantos@cis106desktop:~/Documents/Csv$ grep ";Japan" cars.csv | awk -F ';' '{print $1}' | sort >> americanCars.csv
esantos@cis106desktop:~/Documents/Csv$ cat americanCars.csv
AMC Ambassador Brougham
AMC Ambassador DPL
AMC Ambassador SST
AMC Concord
AMC Concord
AMC Concord d/l
AMC Concord DL
AMC Concord DL 6
AMC Gremlin
AMC Gremlin
AMC Gremlin
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