Week Report 8

Question 1

```
shap_daemon /usr/btn/false
vboxadd /bin/false
arjon-adill@cis106:~$ awk -F: '{print toupper($1)}' /etc/passwd
ROOT
DAEMON
BIN
SYS
SYNC
GAMES
MAN
LP
MAIL
NEWS
UUCP
PROXY
```

```
VBOXADD
arjon-adill@cis106:~$ grep "bash"      /etc/password | awk -F: 'BEGIN { printf"%s\n","User,
"Shell" } {print toupper($1),"\t",$7}'
awk: 1: unexpected character '\'
awk: line 1: runaway string constant ",$7} ...
grep: /etc/password: No such file or directory
```

Question 2

```
                          arjon-adill@cis106: ~/Documents/Csv

arjon-adill@cis106:~$ cd ~/Documents/Csv/
arjon-adill@cis106:~/Documents/Csv$ grep -i 'honda' cars.csv | sed 's/honda/tesla/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 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
arjon-adill@cis106:~/Documents/Csv$ grep -i 'honda' cars.csv | sed '1,3 s/honda/tesla/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 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
arjon-adill@cis106:~/Documents/Csv$ grtep -i 'honda civic' cars,csv | sed G
Command 'grtep' not found, did you mean:
  command 'grep' from deb grep (3.11-3)
Try: sudo apt install <deb name>
arjon-adill@cis106:~/Documents/Csv$ grep -i 'honda civic' cars,csv | sed G
grep: cars,csv: No such file or directory
arjon-adill@cis106:~/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
```

Question 4

```
                          arjon-adill@cis106: ~/Documents/Csv

arjon-adill@cis106:~/Documents/Csv$ awk 'NR > 3 {print}' cars.csv | sort > cars-no-header.c
sv
arjon-adill@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
```

```
lvo 245 Europe
lvo 264gl Europe
lvo Diesel Europe
jon-adill@cis106:~/Documents/Csv$ grep ";US" cars.csv | awk -F ';' '{print $1}' | sort > americanCars.csv
jon-adill@cis106:~/Documents/Csv$ grep ";Japan" cars.csv | awk -F ';' '{print $1}' | sort >> americanCars.csv
jon-adill@cis106:~/Documents/Csv$
jon-adill@cis106:~/Documents/Csv$
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