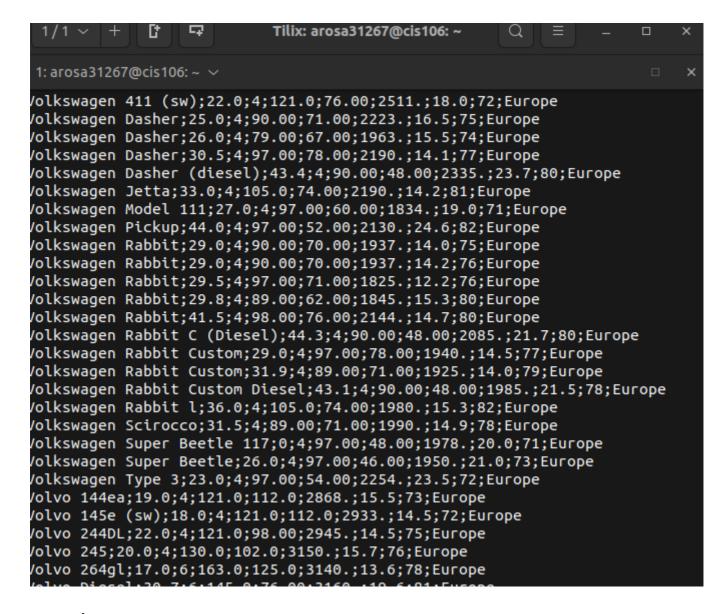
Lab 7: Handling Files Part 2

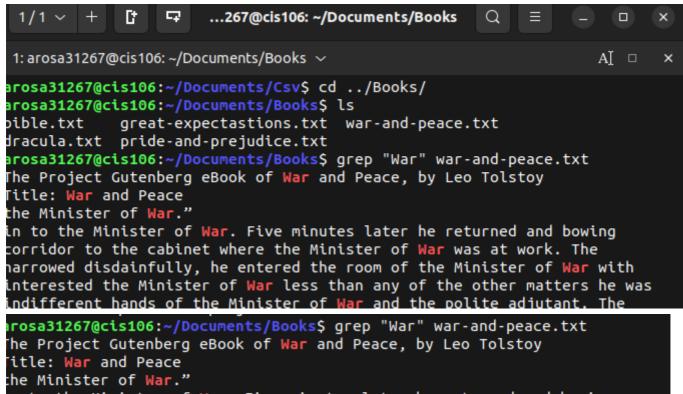
Practice 1

```
1: arosa31267@cis106: ~ ∨
3ran Chex;R;C;90;2;1;200;4;15;6;125;25;1;1;0.67;49.120253
Basic 4;G;C;130;3;2;210;2;18;8;100;25;3;1.33;0.75;37.038562
Apple Jacks;K;C;110;2;0;125;1;11;14;30;25;2;1;1;33.174094
Apple Cinnamon Cheerios;G;C;110;2;2;180;1.5;10.5;10;70;25;1;1;0.75;29.50954
Almond Delight;R;C;110;2;2;200;1;14;8;-1;25;3;1;0.75;34.384843
All-Bran with Extra Fiber;K;C;50;4;0;140;14;8;0;330;25;3;1;0.5;93.704912
All-Bran;K;C;70;4;1;260;9;7;5;320;25;3;1;0.33;59.425505
100% Natural Bran;0;C;120;3;5;15;2;8;8;135;0;3;1;1;33.983679
100% Bran;N;C;70;4;1;130;10;5;6;280;25;3;1;0.33;68.402973
string;Categorical;Categorical;Int;Int;Int;Float;Float;Int;Int;Int;Int;Int;
Float;Float;Float
name:mfr:type:calories:protein:fat:sodium:fiber:carbo:sugars:potass:vitamin
s;shelf;weight;cups;rating
arosa31267@cis106:~$ ls -2 ~/csv/cereal.csv | tail -n 2
ls: invalid option -- '2'
Iry 'ls --help' for more information.
arosa31267@cis106:~$ head -2 ~/csv/cereal.csv
name;mfr;type;calories;protein;fat;sodium;fiber;carbo;sugars;potass;vitamin
s;shelf;weight;cups;rating
String;Categorical;Categorical;Int;Int;Int;Int;Float;Float;Int;Int;Int;Int;
Float;Float;Float
arosa31267@cis106:~$ tail -5 ~/csv/cereal.csv
Friples;G;C;110;2;1;250;0;21;3;60;25;3;1;0.75;39.106174
rix;G;C;110;1;1;140;0;13;12;25;25;2;1;1;27.753301
Wheat Chex;R;C;100;3;1;230;3;17;3;115;25;1;1;0.67;49.787445
Wheaties;G;C;100;3;1;200;3;17;3;110;25;1;1;1;51.592193
Wheaties Honey Gold;G<u>;</u>C;110;2;1;200;1;16;8;60;25;1;1;0.75;36.187559
arosa31267@cis106:~S
```

Practice 2



Practice 3



warranties or the exclusion or limitation of certain types of
arosa31267@cis106:~/Documents/Books\$ grep -ic "War" war-and-peace.txt
1255
arosa31267@cis106:~/Documents/Books\$ grep -iwc "War" war-and-peace.txt
293
arosa31267@cis106:~/Documents/Books\$

crafty conduct of Bismarck, and so on. The Napoleonic wars still seem or mother, or self-sacrifice with the possibility of a reward, is more with the self-destruction toward which—ever dissecting and dissecting *** END OF THE PROJECT GUTENBERG EBOOK WAR AND PEACE *** 1.F.2. LIMITED WARRANTY, DISCLAIMER OF DAMAGES - Except for the "Right LIABILITY, BREACH OF WARRANTY OR BREACH OF CONTRACT EXCEPT THOSE OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE. warranties or the exclusion or limitation of certain types of arosa31267@cis106:~/Documents/Books\$ grep -ic "War" war-and-peace.txt arosa31267@cis106:~/Documents/Books\$ grep -iwc "War" war-and-peace.txt 293 arosa31267@cis106:~/Documents/Books\$ grep -i "^peace" war-and-peace.txt peace. The old man was beside himself: moved the chair on which he was peace." peace." But however much they left her in peace she could not now be peace so long as a single armed enemy remained on Russian soil and told peace with you. As for the Swedes—it is their fate to be governed by peace nor war, neither an advance nor a defensive camp at the Drissa peace and the abolition of war, and secondly, by the fact that when he peaceful, and glorious fatherland, I should have proclaimed peace arising from consciousness of having stifled those personal dreams peace, he said: There can be no peace, for such is the people's will. He peaceful refuge where he could recover himself, rest, and think over arosa31267@cis106:~/Documents/Books\$