

Lab 7: Handling Files Part 2

Practice 1

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1: arosa31267@cis106: ~  
Bran 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  
1  
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;Q;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;Int;Float;Float;Int;Int;Int;Int;  
Float;Float;Float  
name;mfr;type;calories;protein;fat;sodium;fiber;carbo;sugars;potass;vitamin  
s;shelf;weight;cups;rating  
aros31267@cis106:~$ ls -2 ~/csv/cereal.csv | tail -n 2  
ls: invalid option -- '2'  
Try 'ls --help' for more information.  
aros31267@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  
aros31267@cis106:~$ tail -5 ~/csv/cereal.csv  
Triples;G;C;110;2;1;250;0;21;3;60;25;3;1;0.75;39.106174  
Trix;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;C;110;2;1;200;1;16;8;60;25;1;1;0.75;36.187559  
aros31267@cis106:~$
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Practice 2

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1: arosa31267@cis106: ~  
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 l;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;20.7;6;145.0;76.00;3160.;10.6;81;Europe
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Practice 3

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1 / 1  +  ...267@cis106: ~/Documents/Books  Q  ≡  -  □  ×

1: arosa31267@cis106: ~/Documents/Books  AI  □  ×

arosa31267@cis106:~/Documents/Csv$ cd ../Books/
arosa31267@cis106:~/Documents/Books$ ls
bible.txt      great-expectations.txt  war-and-peace.txt
dracula.txt    pride-and-prejudice.txt
arosa31267@cis106:~/Documents/Books$ grep "War" war-and-peace.txt
The Project Gutenberg eBook of War and Peace, by Leo Tolstoy
Title: War and Peace
the Minister of War."
in to the Minister of War. Five minutes later he returned and bowing
corridor to the cabinet where the Minister of War was at work. The
harrowed disdainfully, he entered the room of the Minister of War with
interested the Minister of War less than any of the other matters he was
indifferent hands of the Minister of War and the polite adiutant. The

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engagement and his reception by the Minister of War.
he Minister of War but also his Most August Majesty the Emperor and
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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$
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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 ***

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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$ 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

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arosa31267@cis106:~/Documents/Books$
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