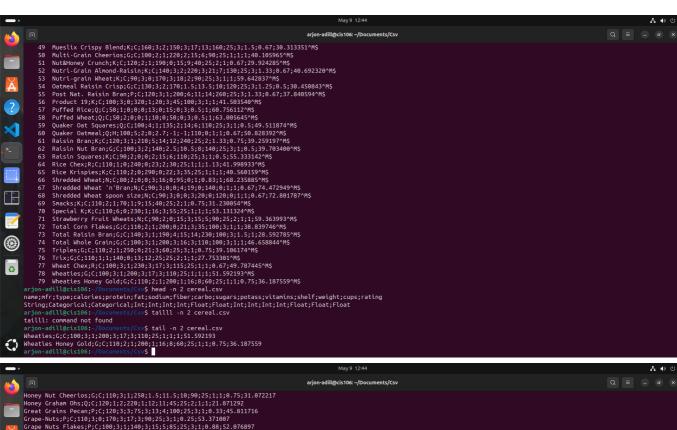
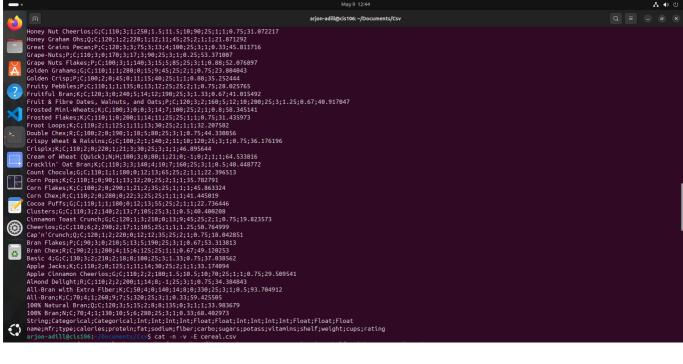
lab7.md 2025-05-09

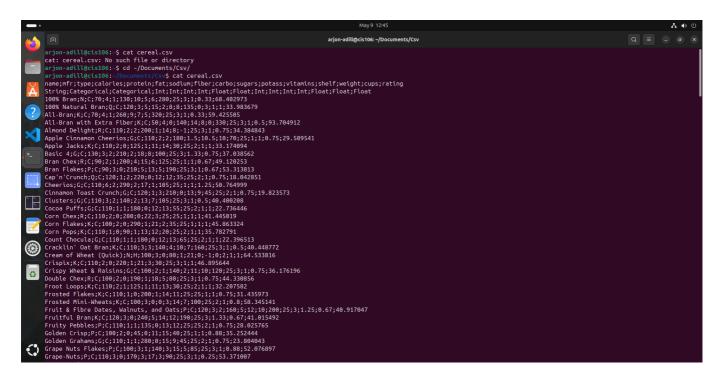
Lab 7

Question 1





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Question 2

```
hevy S-10;31.0;4;119.0;82.00;2720.;19.4;82;US
rjon-adill@cis106:~/Documents/Csv$ cut -d',' -f1,3 cars.csv
ar;MPG;Cylinders;Displacement;Horsepower;Weight;Acceleration;Model;Origin
TRING; DOUBLE; INT; DOUBLE; DOUBLE; DOUBLE; DOUBLE; INT; CAT
arjon-adill@cis106:~/Documents/Csv$ cut -d',' -f1 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
```

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```
Volkswagen Pickup;44.0;4;97.00;52.00;2130.;24.6;82;Europe
Dodge Rampage;32.0;4;135.0;84.00;2295.;11.6;82;US
Ford Ranger;28.0;4;120.0;79.00;2625.;18.6;82;US
Chevy S-10;31.0;4;119.0;82.00;2720.;19.4;82;US
arjon-adill@cis106:~/Documents/Csv$ cut -d',' -f1,3 cars.csv | sed 's/,/ = /'
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
Ford Ranger;28.0;4;120.0;79.00;2625.;18.6;82;US
Chevy S-10;31.0;4;119.0;82.00;2720.;19.4;82;US
Irjon-adill@cis106:~/Documents/Csv$ sort cars.csv
AMC Ambassador Brougham;13.0;8;360.0;175.0;3821.;11.0;73;U
AMC Ambassador DPL:15.0;8:390.0:190.0;3850.;8.5;70:US
```

Question 3

