

NAME _____
CIS440

Quiz 4
1 March 2019

The contents of letters.txt:

AA BB
CC DD
EE FF

The contents of fruit.csv:

carrot, orange, \$4.00,
apple, red, \$3.00,
banana, yellow, \$2.00,

The contents of bio.csv:

fruit, apple,
roots, carrot,
leafs, lettuce,
fruit, banana,

1. What are standard input, standard output, and standard error?
2. What are streams and pipes?
3. Describe the output contents of the following command: `find /var/log -name *.log`
4. Write the output of the following command: `paste letters.txt letters.txt`
5. Write the output of the following command: `cut -d", " -f2 bio.csv`
6. Write the output of the following command: `sort fruit.csv`
7. Write the output of the following command: `grep fruit < bio.csv`
8. Write the output of the following command: `cat bio.csv fruit.csv bio.csv | sort | cut -b 1-7 | uniq`
9. In terms of stream manipulation, what is the difference between `>` and `>>`
10. In terms of stream manipulation, what is the difference between `|` and `>`
11. In terms of stream manipulation, what is the difference between `>` and `<`