

QUIZ!

Use a full sheet of 8½x11" paper. (Half sheet? Half credit!)

Put only your last name in the far upper left hand corner of the sheet, where a staple would hit it. It's OK to write **BIG**, just start in the corner!

*Mitchell*

**AVOID A ½-POINT DEDUCTION!**

Keep answers short! Avoid full sentences. Feel free to abbreviate.

6 questions; 3 minutes; 3 points.

Numbering responses may help you avoid overlooking a question. You may go ahead and number your paper.

Question 0: Imagine you've just Googled for how to parse a date in Java. Would you record the answer somewhere? If so, where?

## Quiz 2, September 2, 2015

3 minutes

1. Which bash operator specifies redirection of standard input?
2. Given the following command line, how many arguments does `args.java` get?  
`java args -v a b > c d`
3. The pipeline `abc | xyz` connects the \_\_\_\_\_ of `abc` to the \_\_\_\_\_ of `xyz`.
4. What's a program you can pipe into to show output one screenful at a time?
5. Write a pipeline that prints the number of lines in `x1` that contain `yyy`.
6. Does `cat x | wc` print the name of the file `x`?

# Solutions

1. Which bash operator specifies redirection of standard input? `<`
2. Given the following command line, how many arguments does `args.java` get?

```
java args -v a b > c d
           1 2 3     4
```

3. The pipeline `abc | xyz` connects the standard output of `abc` to the standard input of `xyz`. (Just "output" and "input" are fine, too.)
4. What's a program you can pipe into to show output one screenful at a time?  
`more` and `less` are the two that first come to mind for me.
5. Write a pipeline that prints the number of lines in `x1` that contain `yyy`.  
`fgrep yyy x1 | wc -l`  
Ok without `-l`, too.
6. Does `cat x | wc` print the name of the file `x`?  
It does not. Nor would `wc < x`, but `wc x` would. Try them all!