Genomics (Ecol 553) Computational Lab
Week 5: Sept 25, 2008.

Course webpage: http://genomics.arizona.edu/553/computation/

Topics
Perl. Getting acclimated

Homework, due at start of class Tuesday, Sept. 30

All work described below should be placed in a new directory on ice.hpc.arizona.edu, named: ~/homework/homework2. When class starts on Tuesday, I will show you how to run a script to "turn in" contents of that folder.

1) Create (and test!) a program called `hw2_1.pl` that looks like this when run:

```
[username@xyz:homework2] perl hw2_1.pl
Hello world; my name is ______. (replace the ___ with your name)
[username@xyz:homework2]
```

2) Create a program called `hw2_2.pl` that prints the following:

```
The microarray has 112 columns and 64 rows, so it has __ cells.
```

(*let perl do the calculation to fill in the ___).*

3) Create a program called `hw2_3.pl` that prints the following:

```
"I don't like to use \s," said Travis. "They seem a bit 'odd'".
```

(*all punctuation should appear as above).*

4) Create a text file called `hw2_4.txt` with the solution to the following (taken from Q4 at the end of ch2 of the Cozens book):

Work out the order in which each of the following expressions would be computed. Place parentheses into the formulas to reflect order of precedence. Compute their value. You may do this with perl's help, or entirely by hand … up to you:

a) 2+6/4-3*5+1
b) 17+-3**3/2