

Emerson Hidalgo

CS-371, Spring 2019

## Perl Assignment

Due: Tuesday, 2/12/2019, 11:59pm

Write your answers in `perl_assignment.txt`. Make sure `perl_assignment.txt` is a plain text file, not a Word or RTF document. Dropbox `perl_assignment.txt`.

1. What is the effect of having the `'use strict;'` directive in a Perl program? Your answer should focus on how `'use strict;'` affects how you use variables in a Perl program. In your answer, include any web links you used to find your answer.

Strict is a compiler flag that restricts Perl behavior. Implementation is done by including `"use strict"` in the source code. The pragmata consist of 3 different features: `vars`, `refs`, and `subs`. `Vars` requires variables to be declared in conjunction of `"my"` or `"our"`. `Refs` throws a runtime error if a symbolic reference is detected. `Subs` does not allow for barewords to be used incorrectly at compile time.

Specific features can be used exclusively by adding the name in quotation. For example, `use strict 'refs'` will only enable the `refs` feature.

<https://perlmaven.com/always-use-strict-and-use-warnings>

2. Do [Perl exercise 1](#) using a hash instead of an array. Include the source code of your program in `perl_assignment.txt`.

3. Write a program to print only the words in [english.sorted](#) that are all CAPS, such as the word "ANSI". You must use regular expression matching. Include the source code of your program in `perl_assignment.txt`.

4. Write a program that corrects the broken delimiting in [roster\\_raw.txt](#). Your program must print the roster with corrected delimiting--comma followed by exactly 1 space, no space before commas. You will get 1 point extra credit if you use regular expression search and replace to correct the delimiting. Include the source code of your program in `perl_assignment.txt`.