

Intro to Computer Programming: week 3

Synopsis:

- Read Wikipedia page on Perl Modules
- Write Perl program that uses variables to create a web page

Details:

1. Read pages on Perl Modules
 - a. Perl Modules are libraries of code that can be used in your programs
 - b. Read: http://en.wikipedia.org/wiki/Perl_module
 - c. Start reading the doc page on the perl module we use to create web pages: CGI
 - i. <http://perldoc.perl.org/CGI.html>
2. Add to test_perl.cgi code variables to complete your web page
 - a. In your cgi-bin dir there is a new file called test_perl.cgi
 - b. Add an html anchor to your home page index.html that links to this code
 - i. Remember to use online sources to determine how to write html:
 1. HTML reference at w3schools:
 - a. <http://www.w3schools.com/tags/default.asp>
 2. HTML reference at w3schools on html anchors:
 - a. http://www.w3schools.com/tags/tag_a.asp
 - c. The new file is a shell of a program that needs to be finished by adding values to:
 - i. A scalar variable called **\$type**
 - ii. An array variable called **@things**
 - iii. A hash variable called **%things_with_name**
 - d. The program has comments to show where your code is added

```
our $type;

our @things;

our %things_with_names;

##### ADD YOUR CODE BELOW #####

##### ADD YOUR CODE ABOVE #####
```

- e. For the array, @things, add at least 3 things to the list
- f. For the hash, %things_with_names, add at least 3 things to the hash
- g. Review the section on scalars, arrays, and hashes if you need examples of how to do this.
 - i. <http://perldoc.perl.org/perlintro.html#Perl-variable-types>