

C_HW3 (Hello, Perl) Version 4

Ken Youens-Clark

Abstract

Citation: Ken Youens-Clark C_HW3 (Hello, Perl). **protocols.io**

dx.doi.org/10.17504/protocols.io.fv7bn9n

Published: 22 Sep 2016

Protocol

Step 1.

Clone the 'metagenomics-book' repo if necessary (NOT in your own 'abe487' repo):

```
$ git clone https://github.com/kyclark/metagenomics-book.git
```

Then pull to get the latest code and copy the 'problems/greeting' directory into your 'abe487/problems' (assuming your repo is located in your \$HOME):

```
$ cd metagenomics-book
```

```
$ git pull
```

```
$ cp -r problems/greeting /abe487/problems
```

```
$ cd !$
```

```
$ git add greeting
```

```
$ git commit -m 'new homework' greeting
```

Step 2.

Edit the existing 'greeting.pl6' file to take a single, positional (not named) argument called 'name.' If you type 'make,' it will execute the script with \$USER like so:

```
$ make
./greeting.pl6 kyclark
Hello, kyclark, your name has 7 characters.
```

```
$ ./greeting.pl6 'John Coltrane'
Hello, John Coltrane, your name has 13 characters.
```

The argument you are getting from the command line is a string, so you will want to read the docs on the "Str" type:

<https://docs.perl6.org/type/Str>

If your program is given no arguments, it should print a "usage" statement. If you use the "MAIN" subroutine with a proper signature, this will happen automatically; otherwise, you will need to handle this yourself.

Step 3.

Your solution is correct when "make test" looks like this:

```
$ make test
./test.pl6
ok 1 - No args gives usage
ok 2 - Correct output
```

■ ANNOTATIONS

Emily Wall 29 Sep 2016

I didn't make a usage for this assignment but I managed to pass both tests. How is this possible? (Is this related to my specification of Str?)

Step 4.

Commit and push your work to Github for checking:

```
$ git commit -m 'works now' greeting.pl6

$ git push
```