

Hello (bash)

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Abstract

Citation: Ken Youens-Clark Hello (bash). **protocols.io**

dx.doi.org/10.17504/protocols.io.jvgcn3w

Published: 12 Sep 2017

Protocol

Clone Github repos

Step 1.

You need to have both Ken's 'metagenomics-book' and your own 'abe487' repos checked out onto the HPC. From your local machine (laptop), 'ssh hpc' then jump to 'ocelote.' From there, do the following:

```
$ cd work
$ git clone https://github.com/kyclark/metagenomics-book.git
$ git clone git@github.com:<GithubID>/abe487.git
```

Notice that the two repos are side-by-side, not one inside the other.

Then copy the 'hello' directory into your repo:

```
$ mkdir abe487/problems
$ cp metagenomics-book/problems/hello abe487/problems
$ cd abe487
$ git add -A problems
$ git commit -am 'adding problems'
$ git push
```

Now you have all the files needed to complete the homework, and you should be able to see the new files on the Github site.

Step 2.

Read the "README.md" to understand what is expected.

When "make test" looks like this:

```
$ make test
python3 -m pytest -v test.py
===== test session starts
=====
platform darwin -- Python 3.6.1, pytest-3.0.7, py-1.4.33, pluggy-0.4.0 --
/Users/kyclark/anaconda/bin/python3
cachedir: .cache
rootdir: /Users/kyclark/work/secret-book/problems/hello, inifile:
collected 6 items

test.py::test_exists PASSED
test.py::test_hello_out PASSED
test.py::test_hello_arg_usage PASSED
test.py::test_hello_arg PASSED
test.py::test_hello_arg2_usage PASSED
test.py::test_hello_arg2 PASSED
```

Then you should do:

```
$ git commit -am 'complete homework/hello'
$ git push
```

If you can see your working scripts on the Github site, then I will be able to "git pull" your work and check that your tests pass.

REMEMBER: All tests must pass to get full credit. There is no partial credit for some tests passing.