

INF 102 Concepts of Programming Languages II Homework Homework 2

The following assignments need to be done.

- Exercise 3.4, 5.1, 5.2, and 6.1.
- Program should be runnable from the command line when in the directory (eg, Users/peter/exercises-in-programming-style-peter/week2/):

```
$ ./build_5_1.py && ./run_5_1.py:  
$ ./build_5_2.py && ./run_5_2.py:  
$ ./build_6_1.py && ./run_6_1.py
```
- Make sure the program can be run on in an Unix environment (eg, openLab, Mac os)
- Successfully run over Pride and Prejudice available at the root of the directory.
- Additional constraint for Five: cannot be done in C++ or Clojure. Additional constraint for Six: cannot be done in Clojure, Ruby or Scala.

How to submit:

- Commit your code to your repository on GitHub Classroom.
- Add the following tag to your final commit “**homework-2**”, **see description below**.
- The TA will then visit and grade. Note that time stamps will be checked.
- Questions can be asked through Piazza (piazza.com/uci/spring2018/inf102)

How to add a tag to a commit:

- Checkout the commit you want to tag and run the following line in:

```
$ git tag -a homework2  
$ git push origin homework2
```
- Or go to your repository on GitHub, click on **releases**, click on “Create a new release”, and fill out the following information (see image), and click **Publish release**.

Releases Tags

@

Excellent! This tag will be created from the target when you publish this release.

Write Preview Markdown supported

Describe this release

Attach files by dragging & dropping or [selecting them](#).

Attach binaries by dropping them here or [selecting them](#).

This is a pre-release
We'll point out that this release is identified as non-production ready.

Publish release Save draft

Grading criteria:

1. *Exercise 3.4:*

- Correct cyclomatic complexity within (10 points)
- Image of control flow graph (10)

2. *Exercise 5.1:* Graded on following the constraints, being able to run, and correct output (40 points)

3. *Exercise 5.2:* Graded on following the constraints, being able to run, and correct output (20 points)

4. *Exercise 6.1:*

- Is it working/running? (10 pt)
- Other 10 points are based on ranking, so the shorter the program the better(10 points)