

Peer-review of assignment 4 for INF3331-juliaza

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Review

Mac OS Sierra 10.12 with python 3.5.2 was used to review this exercise.

General feedback

All code is very compact and well structured. Code is easy to read and the variables have sensible names.

Assignment 4.1: Python implementation

The code runs as expected, and is well structured. Very well done!

Assignment 4.2: numpy implementation

The code runs as expected, and is very well commented and compact with vectorization and a clear speed-up.

Assignment 4.3: Integrated C implementation

The code runs as expected, again with a very clear speed-up.

Assignment 4.4: An alternative integrated C implementation

Not applicable.

Assignment 4.5: User interface

The help message is well structured, and provides useful information on how to run the program. Easy to use command line interface, with a lot of options. All the required options are supported.

Assignment 4.6: Packaging and unit tests

A well implemented program with two successful test runs. Good use of the UnitTest framework.

Assignment 4.7: More color scales + art contest

Well implemented program with all the required options as well as a color option. Very user friendly, and with a creative and beautiful contest image.

Assignment 4.8: Self replication

The code runs as expected, and it fulfills the assignment.