Peer-review of assignment 4 for *INF3331-Dawoodah*

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1   Review

Linux with Python 3.5

General feedback

Could improve the structure of the code and use function. Zero docstrings implemented. Numbers in the mandelbrotset should be black.

Assignment 4.1: Python implementation

Satisfactory solution. Set lower default values to lower first runtime. Reviewers were very impatient.

Assignment 4.2: numpy implementation

- Satisfactory code
- Nice runtime

Assignment 4.3: Integrated C implementation

- Just about satisfactory
- Loops not fully optimized.
- Could have used more Cython code
- Cpdef instead of def calculate()

Assignment 4.4: An alternative integrated C implementation

Not implemented

Assignment 4.5: User interface

- Just about acceptable.
- Not user friendly enough.
- Does not take filename as argument, hence not saving to file

Assignment 4.6: Packaging and unit tests

Not implemented

Assignment 4.7: More color scales + art contest

- Acceptable
- Could be wrapped in earlier functions, not run as command

Assignment 4.8: Self replication

Acceptable