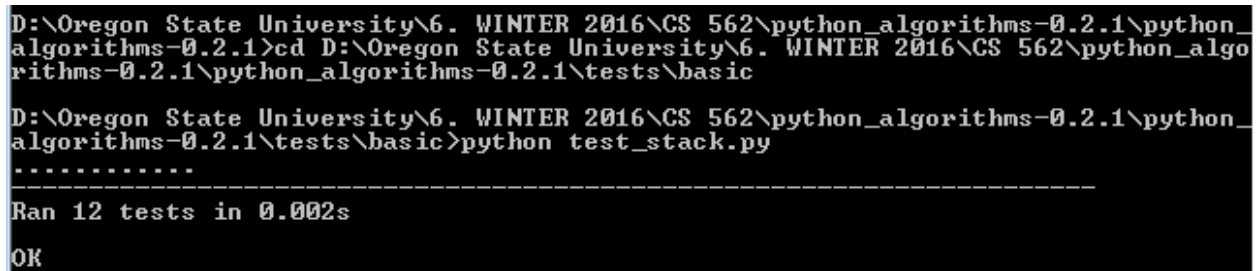# First-Draft Implementation Notes

Project Description

Due to complications with the windows platform and after certain discussion with the Dr.Groce, we came to the conclusion of implementing a complete new project. In general, the functionality I am currently testing is based upon Stacks. This is available at https://pypi.python.org/pypi/python_algorithms/0.2.1.

The image below displays the "test_stack.py", also attached within the particular project file. It shows that all the test cases, or in particular all the satisfying test cases which have been implemented in this code are bound to result satisfactory. Using TSTL, I am not particularly concerned about all the satisfying test cases but the implementation of "assert" conditions which can make the test cases fail.

```
D:\Oregon State University\6. WINTER 2016\CS 562\python_algorithms-0.2.1\python_
algorithms-0.2.1>cd D:\Oregon State University\6. WINTER 2016\CS 562\python_algo
rithms-0.2.1\python_algorithms-0.2.1\tests\basic

D:\Oregon State University\6. WINTER 2016\CS 562\python_algorithms-0.2.1\python_
algorithms-0.2.1\tests\basic>python test_stack.py
............
----------------------------------------------------------------------
Ran 12 tests in 0.002s

OK
```

Current Implementation:

The implementation (currently) is purely naïve. I am working to figure the various test cases that fail, and the current failure with the record/history condition, which I have (currently) removed from the implemented tstl code. However, there is certainly a syntactical error which is making the particular fail, on my part.

Please find the attached Testing_Notes.txt within the particular folder, in-case you want to view the tested code. Please note, I have changed my code a lot while implementing and this is not the most conclusive code.