Aiden Lab Predoctoral Fellows Application 2017

Round II (Challenge 1A)

Documentation for Compilation:

To run the provided code from the terminal/command line, go to the path/directory where the .py file is saved on your local machine. Once there, run the .py file by typing into the command line,

python main.py bucket_sizes target_size

For example, suppose target value is 33 and the bucket sizes are [5, 7] (this is a test taken from the problem statement). The terminal command in this case should be,

python main.py 5 7 33

Suppose now that target value is 11 and the bucket sizes are [3, 7]. The terminal command should be,

python main.py 3 7 11

Tests:

There are a few built-in tests provided in the main.py file. In order to run these tests, simple uncomment the test suite and comment out line 66 which calls the function main(). Then the file main.py can be run normally from any Python IDE. Please do not try to run main.py from the terminal once the changes mentioned above have been made.