

Repository: <https://github.com/jpagan2/julio-pagan-HW-2>

Difficulties:

- It was challenging to figure out the semantic relationship and cardinalities
- Understanding the logic of the Integer Java API was difficult because I'm used to overlook the logic flow of the tools that are part of the Java API.
- It was a challenge to come up with the logic code to perform the improvement methods correctly.
- Getting gradle to work properly required me to properly configure the path naming structure so the build worked. Additionally, I had to then verify that the build worked properly on the Ubuntu version being run for testing purposes. To achieve this, I had to modify the build script commands executed to complete the build on ubuntu.

Status: Completed, but incomplete work for problem 3 due to its difficulty for me

Lines of code in main = 35

Lines of code in test = 41

Unit test coverage: 100%

Test Summary

2 tests	0 failures	0 ignored	0.039s duration	100% successful
------------	---------------	--------------	--------------------	--------------------

Packages	Classes
----------	---------

Package	Tests	Failures	Ignored	Duration	Success rate
test.java	2	0	0	0.039s	100%

Test Summary

2 tests	0 failures	0 ignored	0.039s duration	100% successful
------------	---------------	--------------	--------------------	--------------------

Packages	Classes
----------	---------

Class	Tests	Failures	Ignored	Duration	Success rate
test.java.ImprovedRandomTest	1	0	0	0.018s	100%
test.java.ImprovedStringTokenizerTest	1	0	0	0.021s	100%