🔒 Michael-Kagnew / seg3103_playground   Private

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🐱 **Michael-Kagnew** fixed image reference to use forward slash •••   16 minutes ago   🕘 4

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Lab01

Outline	Value
Course	SEG 3103
Date	Summer 2021
Professor	Andrew Forward, aforward@uottawa.ca
TA	Zahra Kakavand, jamesurl@uottawa.caa

Deliverables

- https://github.com/Michael-Kagnew/seg3103_playground

Java

I am running Java 1.11

```
java 11.0.11 2021-04-20 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.11+9-LTS-194)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.11+9-LTS-194, mixed mode)
```

Since I am on Windows, I compile Java using

```
javac -encoding UTF-8 --source-path src -d dist src\*.java
```

Then I compile the tests doing the following code, changed so it works on Windows by using semi-colon.

```
javac -encoding UTF-8 --source-path test\ -d dist\ -cp dist;lib\junit-platform-
console-standalone-1.7.1.jar test\*.java
```

I can then run the test using the following. I had to change the code in the bin folder in order for the tests to work on Windows

```
java -jar lib\junit-platform-console-standalone-1.7.1.jar --classpath dist --
scan-classpath
```

The results are as follows:

```
Thanks for using JUnit! Support its development at https://junit.org/sponsoring

.
+-- JUnit Jupiter [OK]
| '-- NewmathTest [OK]
|   +-- div_ok() [OK]
|   '-- div_by_zero() [OK]
'-- JUnit Vintage [OK]

Test run finished after 83 ms
[         3 containers found       ]
[         0 containers skipped     ]
[         3 containers started     ]
[         0 containers aborted     ]
[         3 containers successful ]
[         0 containers failed      ]
[         2 tests found            ]
[         0 tests skipped          ]
[         2 tests started          ]
[         0 tests aborted          ]
[         2 tests successful       ]
[         0 tests failed           ]
```

Elixir

For Elixir, I have a WSL set up with Ubuntu distro.To run the test, I execute this code in the project directory:

```
mix test test/ newmath_ex_test.exs
```

The output is the following:

```
Finished in 0.07 seconds
1 doctest, 2 tests, 0 failures

Randomized with seed 426088
michael@DESKTOP-DPDO6AG:/mnt/c/Users
```

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- Elixir 35.0%
- Shell 18.6%