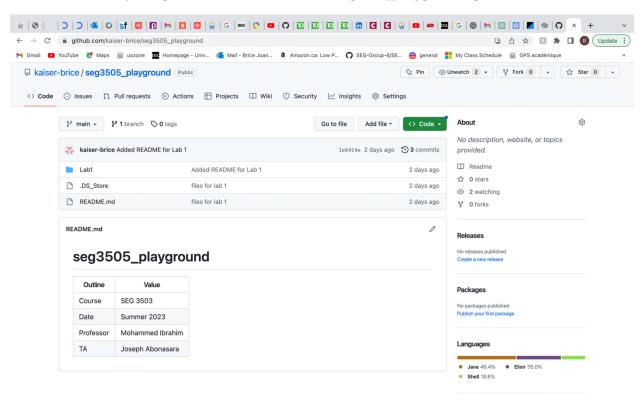
LAB 1 Brice Joan Ngnawo Soh nsoh087@uottawa.ca

GitHub Link: https://github.com/kaiser-brice/seg3505_playground.git



```
bricesoh@Brices-MacBook-Air ~ % java --version
   java 17 2021-09-14 LTS
   Java(TM) SE Runtime Environment (build 17+35-LTS-2724)
   [Java HotSpot(TM) 64-Bit Server VM (build 17+35-LTS-2724, mixed mode, sharing)
   bricesoh@Brices-MacBook-Air ~ %
2. Java Program Execution
   [bricesoh@Brices-MacBook-Air newmath_java % bin/run
   Newmath (type 'exit' to exit program)
   Numerator: 4
   Demoninator: 2
   4 / 2 = 2
   Numerator: 6
   Demoninator: 2
   6 / 2 = 3
   Numerator:
3. Java Test Execution
  [bricesoh@Brices-MacBook-Air newmath_java % bin/test
   Thanks for using JUnit! Support its development at https://junit.org/sponsoring
      JUnit Jupiter 🗸

    NewmathTest 

✓

         div_ok() /
     JUnit Vintage 🗸
   Test run finished after 139 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
            0 tests failed
  bricesoh@Brices-MacBook-Air newmath_java %
4. Elixir Version:
   [bricesoh@Brices-MacBook-Air newmath_ex % elixir --version
   Erlang/OTP 25 [erts-13.2.2] [source] [64-bit] [smp:8:8] [ds:8:8:10] [async-threads:1] [jit] [dtrace]
   Elixir 1.14.4 (compiled with Erlang/OTP 25)
   bricesoh@Brices-MacBook-Air newmath_ex %
```

5. Elixir Program Execution

```
[bricesoh@Brices-MacBook-Air newmath_ex % bin/run
Erlang/OTP 25 [erts-13.2.2] [source] [64-bit] [smp:8:8] [ds:8:8:10] [async-threa
ds:1] [jit] [dtrace]
Interactive Elixir (1.14.4) - press Ctrl+C to exit (type h() ENTER for help)
[iex(1)> NewmathEx.div(5,2)
{:ok, 2.5}
[iex(2) > NewmathEx.div(6,3)]
                                                                                 1
{:ok, 2.0}
iex(3)>
6. Elixir Test Execution
[bricesoh@Brices-MacBook-Air newmath_ex % bin/test
Compiling 1 file (.ex)
Generated newmath_ex app
Finished in 0.01 seconds (0.00s async, 0.01s sync)
1 doctest, 2 tests, 0 failures
Randomized with seed 314953
bricesoh@Brices-MacBook-Air newmath_ex %
```