

SEG 3503 Lab 1
Adam Jami
300245165
ajami070@uottawa.ca

Note: Je suis sur windows

Github

[adamjami2004/seg3503_playground \(github.com\)](https://github.com/adamjami2004/seg3503_playground)

The screenshot shows the GitHub interface for the repository 'adamjami2004 / seg3503_playground'. The repository is public and has 1 branch (main) and 0 tags. The file list shows:

- .idea (done, 1 minute ago)
- lab 1 (done, 1 minute ago)
- README.md (Update README.md, 2 days ago)

The README.md file is open, showing the title 'seg3503_playground' and the section 'SEG3503'. Below the section is a table:

Outline	Value
Course	SEG 3503
Date	Summer 2023
Professor	
TA	

Java version

```
C:\Users\adamj>java --version
java 19 2022-09-20
Java(TM) SE Runtime Environment (build 19+36-2238)
Java HotSpot(TM) 64-Bit Server VM (build 19+36-2238, mixed mode, sharing)
```

Elixir version

```
Invite de commandes
Microsoft Windows [version 10.0.22621.1265]
(c) Microsoft Corporation. Tous droits réservés.

C:\Users\adamj>elixir --version
Erlang/OTP 25 [erts-13.0.4] [source] [64-bit] [smp:8:8] [ds:8:8:10] [async-threads:1] [jit:ns]

Elixir 1.14.4 (compiled with Erlang/OTP 25)
```

Java run

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Tous droits réservés.

Installez la dernière version de PowerShell pour de nouvelles fonctionnalités et améliorations ! https://aka.ms/PSWindows

PS C:\Users\adamj\OneDrive\Bureau\A.été2023\SEG3503\Labs\seg3503_playground\newmath_java\newmath_java> javac -encoding UTF-8 --source-path src -d dist src/*.java
PS C:\Users\adamj\OneDrive\Bureau\A.été2023\SEG3503\Labs\seg3503_playground\newmath_java\newmath_java> java -cp ./dist Main
Newmath (type 'exit' to exit program)
Numerator: 5
Demoninator: 5
5 / 5 = 1
Numerator:
```

Java test:

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

Test run finished after 31 ms
[       2 containers found       ]
[       0 containers skipped     ]
[       2 containers started     ]
[       0 containers aborted     ]
[       2 containers successful  ]
[       0 containers failed      ]
[       0 tests found            ]
[       0 tests skipped          ]
[       0 tests started          ]
[       0 tests aborted          ]
[       0 tests successful       ]
[       0 tests failed           ]
```

Elixir run:

```
adamj@DESKTOP-N5L043I MINGW64 ~/OneDrive/Bureau/A. été2023/SEG3503/Labs/seg3503_p
layground/newmath_ex/newmath_ex (main)
$ bin/run
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(5,0)
{:error, "Cannot divide by zero"}
iex(3)> |
```

Elixir test:

```
adamj@DESKTOP-N5L043I MINGW64 ~/OneDrive/Bureau/A. été2023/SEG3503/Labs/seg3503_p
layground/newmath_ex/newmath_ex (main)
$ bin/test
Compiling 1 file (.ex)
Generated newmath_ex app
...
Finished in 0.07 seconds (0.00s async, 0.07s sync)
1 doctest, 2 tests, 0 failures

Randomized with seed 497496
```