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tic_java

Patrick Loranger 5th commit - Refactored (G...

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Readme.md



Lab 04 - SEG 3103 Playground

Team

Name: Patrick Loranger, plora079@uottawa.ca

Student Number: 300112374

Name: Akram El-Gaouny, aelga098@uottawa.ca

Student Number: 300109692

Professor and Teaching Assistant

Professor: Andrew Forward, aforward@uottawa.ca

TA: Nazanin Bayati Chaleshtari, nbaya076@uottawa.ca

Course: SEG 3103

Date: Thursday June 10, 2021

Link for deliverable

- https://github.com/CodingPatrick/seg3103_playground
- The pdf file of the screencapture is found in the submission folder in Brightspace

Running Tic using Elixir - Akram El-Gaouny

The Following is a picture to prove that I can compile the Elixir application:

```
C:\Users\jaoun\Desktop\Summer 2021\SEG 3103\Labs\seg3103_playground\Lab-4\tic>mix compile
Compiling 1 file (.ex)
Generated tic app
```

The Following is a picture to prove that I can run the Elixir application:

```
C:\Users\jaoun\Desktop\Summer 2021\SEG 3103\Labs\seg3103_playground\Lab-4\tic>mix test
.....

Finished in 0.07 seconds (0.00s async, 0.07s sync)
8 tests, 0 failures

Randomized with seed 467312
```

Commits - Akram El-Gaouny

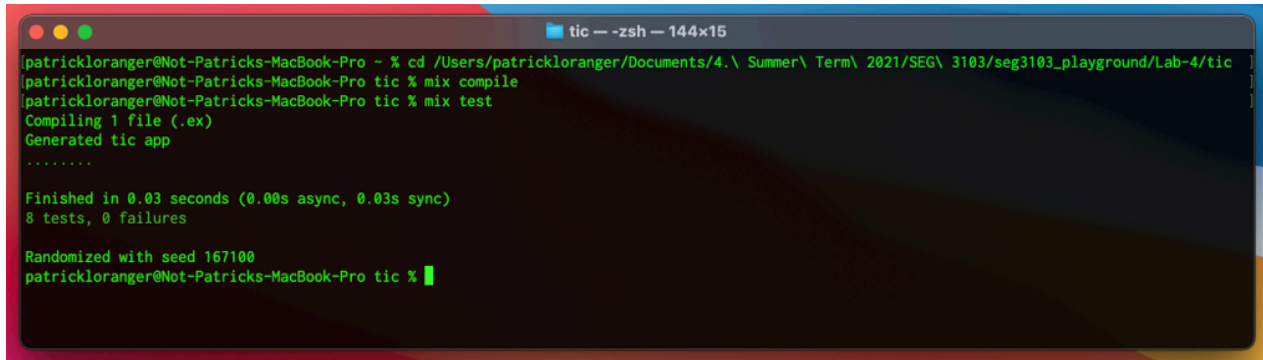
The table below contains links to all the commits I made. I tried to put picture but due to sizing issues the images were distorted.

Commit Number	Implementation and Failing Test	Passing Test	Refactor
1	1.1	1.2	1.3
2	2.1	2.2	2.3
3	3.1	3.2	3.3
4	4.1	4.2	4.3
5	5.1	5.2	5.3

Please note that at commit 2.2, I had to do a minor change in the code with the previous commit to fix a behaviour.

Running Tic using Elixir - Patrick Loranger

The Following is a picture to prove that I can compile and run the Elixir application:

A terminal window titled 'tic -- zsh -- 144x15' showing the following commands and output:

```
patrickloranger@Not-Patricks-MacBook-Pro ~ % cd /Users/patrickloranger/Documents/4.\ Summer\ Term\ 2021/SEG\ 3103/seg3103_playground/Lab-4/tic
patrickloranger@Not-Patricks-MacBook-Pro tic % mix compile
patrickloranger@Not-Patricks-MacBook-Pro tic % mix test
Compiling 1 file (.ex)
Generated tic app
.....
Finished in 0.03 seconds (0.00s async, 0.03s sync)
8 tests, 0 failures

Randomized with seed 167100
patrickloranger@Not-Patricks-MacBook-Pro tic %
```

Commits - Patrick Loranger

The table below contains links to all the commit I made. I tried to put picture but due to sizing issues the images were distorted.

Commit Number	Implementation and Failing Test	Passing Test	Refactor
1	1.1	1.2	1.3
2	2.1	2.2	2.3
3	3.1	3.2	3.3
4	4.1	4.2	4.3
5	5.1	5.2	5.3

Please note that for commit 5.1 and 5.2, I had to do them twice. I realized my test was only passing because the code was broken (it was always true). The ones showed in the table are the correct commits.

Final Testing

Here is proof that all of our tests pass for tic_java:

All 10 Passed 10				
TicTacToeTest				
> hasWinner_tc9	Passed	0s		
> TicTacToe_tc1	Passed	0s		
> whoPlaysNext_tc4	Passed	0s		
> playNext_tc2	Passed	0s		
> playNext_tc3	Passed	0s		
> checkCol_tc7	Passed	0s		
> boardIsFull3x3_tc10	Passed	0s		
> checkRow_tc6	Passed	0s		
> checkDiag3x3_tc8	Passed	0s		
> reset_tc5	Passed	0s		