CSC 413 Project Documentation

Spring 2019

Mesoma Esonwune

915852059

CSC 413.02

<https://github.com/csc413-02-spring2019/csc413-p1-mesonwune>

Table of Contents

[1 Introduction 3](#_Toc522827688)

[1.1 Project Overview 3](#_Toc522827689)

[1.2 Technical Overview 3](#_Toc522827690)

[1.3 Summary of Work Completed 3](#_Toc522827691)

[2 Development Environment 3](#_Toc522827692)

[3 How to Build/Import your Project 3](#_Toc522827693)

[4 How to Run your Project 3](#_Toc522827694)

[5 Assumption Made 3](#_Toc522827695)

[6 Implementation Discussion 3](#_Toc522827696)

[6.1 Class Diagram 3](#_Toc522827697)

[7 Project Reflection 3](#_Toc522827698)

[8 Project Conclusion/Results 3](#_Toc522827699)

# Introduction

## Project Overview

I worked on project one which was the expression evaluator and GUI.

## Technical Overview

I worked on project one which was the expression evaluator and GUI.

## Summary of Work Completed

I got the simple evaluators to work but the parentheses and GUI do not work.

# Development Environment

Java 10.0.2, IntelliJ

# How to Build/Import your Project

* 1. Install IntelliJ if you don’t have it.
  2. Go to repository and get the HTTPS file.
  3. Go on terminal and install file.
  4. Open IntelliJ and click Import Project
  5. Choose file
  6. Click Next when it says create project from existing sources
  7. Click Next when it shows project name

# How to Run your Project

* 1. Right-click on either EvaluatorDriver.java or EvaluatorUI.java
  2. Click Run.

# Assumption Made

I assumed that the hardest part would be the GUI. I thought implementing the evaluators was going to be just like 220 where we did the evaluators but it was more difficult. I ended up not even getting to the UI so I’m pissed off at myself for how behind I am Java-wise. I know I need to spend more time to catch up.

# Implementation Discussion

I focused on the operators. At first, I wanted to make two separate operators for the open and close parentheses but I realized that they do the same thing so there is no point. I then struggled with implementing the evaluator class but received help from a number of students.

# Project Reflection

Next time, I would start immediately. I had a lot of emergency situations that I was focused on and let my time slip away until it was time to turn it in. I also need to spend more time reviewing the basics and getting on the same level as others in the class.

# Project Conclusion/Results

Math without parentheses work but the GUI doesn’t work and math with parenthesis doesn’t work.