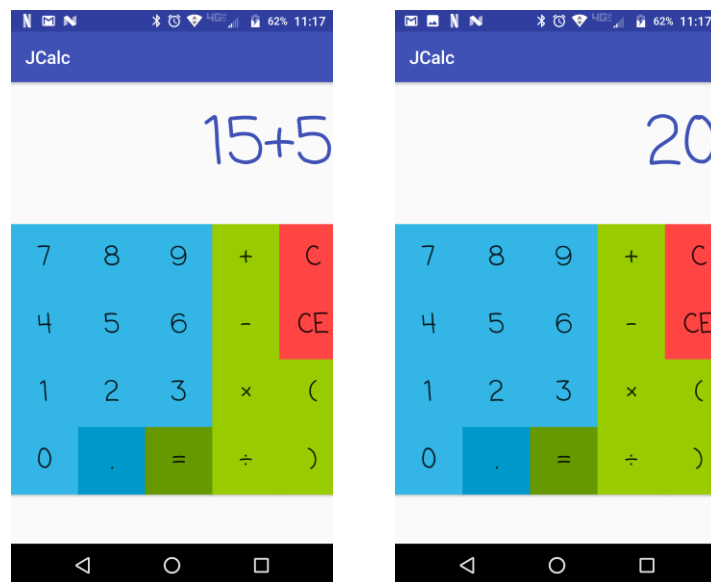Jordan Judt

Dr. Ahyoung Lee

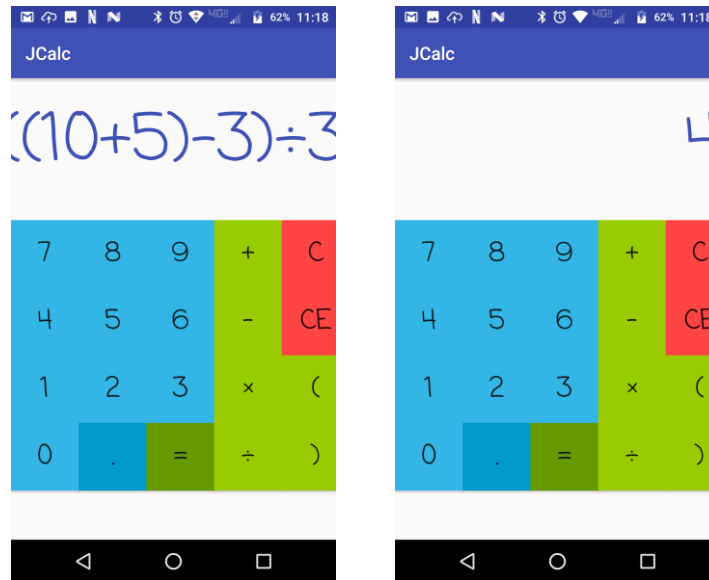CSC 480 Software Engineering

26 January 2018

Assignment 1

The assignment called for creating a simple calculator app for Android. I tested it on my personal

device because I can't get an emulator to run on my computer. For this app, you can input an expression

and it will give the answer using order of operations. It does check for errors, like dividing by 0 or if the

user gives an invalid expression.

This screen demonstrates a simple equation: $15 + 5 = 20$

This screen demonstrates a complex equation: $\frac{((10+5)-3)}{3} = 4$

The expression doesn't quite fit on the screen, but it does scroll horizontally so the user can see the whole expression.

These screens show errors. The first two show what happens when trying to divide by zero. The answer is undefined, and a Toast pops up informing the user that dividing by zero is impossible. The

third image shows an example of an invalid expression. It's missing the last operand. A Toast pops up

saying that it's an invalid expression.

These last screenshots show a simple equation using decimal values: $1.2 \times 2.2 = 2.64$