Mad 155 Row Reduction

Sprint 1

Goals (Get First screen completed)

1. MainActivity
   1. Set up UI (XML), buttons
   2. Custom color schemes
   3. Custom Strings
   4. Custom border around each coefficient
   5. Ability to add/remove equations or variables
   6. Swipe between coefficients
   7. Add error checking for coefficients
2. Flow to other Activities
   1. Augmented Matrix
   2. Hint
   3. Operations 1, 2, 3
3. Rational (Class)
   1. I wanted a way to represent any rational number as a fraction of two integers. There are multiple division operations that will turn most numbers into decimals, which will lose its accuracy quickly.
   2. Will convert to fraction on screen as user types in coefficient (i.e., .12 = 3/25)
4. Matrix (Class)
   1. Will be a matrix containing the coefficients of the augmented matrix as Rationals.

Sprint 2

1. Add Menu Item for settings in ActionBar
2. Create Settings page where they can choose their color scheme
3. Create color schemes
4. Use sharedPreferences to set the theme in each activity