**Notes:**

**Time spent: 4:00 hours**

**Objective:**

* Design a program to convert all the numbers from the tablets to decimal number.
* Convert roman numerals to decimal numbers
* Convert Decimal numbers to roman numerals

Rules:

1. Values are combined by adding the values of the symbol together
2. If symbol a is less than the symbol immediately following it, A is subtracted from B and AB is treated as a unit to add to the total.
3. Subtractive notation only ever involves two symbols
4. A number representing 10x (multiples of 10) may not precede any symbol larger than 10x+1

100 can’t be followed by 200 for subtraction and addition purposes

Questions:

How should I read in input?

* Command line

Execution Plan:

1. Create a class that represents a Roman numeral with its value and character representation
2. Make a vector in with all of the different numeral objects that exist
3. Create a Converter object that functions as a translator between the two different forms
4. Implement both methods and helper methods for translating between the two different forms

What I would have done if I had more time:

1. I would have finished implementing the Roman to Decimal method

* I would have broken it apart and started to pair up the input characters in pair of two in order to make addition or subtraction where necessary
* I then would have taken the input with an odd number and treat the last character as addition to the end of the number being summed up
* I would have then returned the integer number representation of the roman numeral