Important information

- Largest value = 3,999
- Objective - write a program that can convert roman numerals to decimal #'s & decimal #'s back to roman numerals.
- List I=1, V=5, X=10, L=50, C=100 D=500, M=1000
1) Values are combined by adding values of symbol.
2) If Symbol(A) < Symbol(B):
   B: B - A
   else:
   B: B + A
3) A value != a symbol greater than i+1
4) Symbol needs to represent a value = to and larger > than a value

Implementation

- # cannot be greater than 3,999
- Needs to pass through list of numerical & string values to get desired out put.
- Needs to implement rules of Roman numerals in a type of statement.
- Idea of how to implement subtractive notation.
- Conditions for roman numerical symbols & values.

Execution Pseudo Code

Phase 1 Convert Roman Numerals to Int

Function:
List of #'s [ ] (Symbols go to a value Ex 'I': 1
out: 0

Needs to loop through list of values
for i in range(len(x))
add conditionals
if i+1 != a symbol greater than and = to.
subtract notation
add notation
↳ Return value

Phase 2 Convert Int to Roman Numerals

Phase 3 Concatenate & clean up

total time spent: 1 hour ; about 20 minutes