Learning Objectives:

1. Finish up our self-introduction 😊
2. Keep a programming journal
3. Go over EC3.
   - CUNY Tech Meetup and "In The Loop" newsletter
4. Review how to write a for loop and a while loop.
5. Review and practice writing Boolean expressions (see below).
6. Complete problem 1 on page 9 of Spring 18 MT1.
   - Try first with a "for loop" and then convert it to a "while loop"

Write compound Boolean expressions for the following cases:

- n is greater than 5 and n is even
- n is divisible by 7
- n is odd but is not divisible by 3
- n is a 2-digit number
- n is a 3-digit number, last digit of n is not 4
- n is divisible by 3 or by 5
- n is greater than 10 or is odd

Solutions:

- n is greater than 5 and n is even
  (n > 5 && n % 2 == 0)
- n is divisible by 7
  (n % 7 == 0)
- n is odd but is not divisible by 3
  (n % 2 == 1 && n % 3 != 0)
- n is a 2-digit number
  ((n > 9 && n < 100) || (n < -9 && n > -100))
- n is a 3-digit number, last digit of n is not 4
  ((n > 99 && n < 1000) || (n < -99 && n > -1000) && n % 10 != 4)
- n is divisible by 3 or by 5:
  (n % 3 == 0 || n % 5 == 0)
- n is greater than 10 or is odd
  (n > 10 || n % 2 == 1)