

## ISTE-121 - Computational Problem Solving in the Information Domain II

### In Class Exercise

Write a program that creates two threads. These will do different things. The first will count from 1 .. 10 and print its counter (using a loop). Each time through the loop, this thread should call `yield()`; The second will count from 20 down to 2, by 2's (20, 18, 16, ..., 2) and prints its counter (using a loop). It should also yield each time through the loop.

The first should print its counter at the left side of the screen. The second should print its counter, indenting it by 15 spaces ( `System.out.println(" " + counter);` ).

The output should look something like this:

```
All done (main)
1
                20
2
                18
3
4
5
                16
                14
                12
                10
                8
                6
                4
                2
6
7
8
9
All done (SecondThread)
10
All done (FirstThread)
```

If you get this done, extend it to three threads. The 3rd thread should count from 3 to 30 by 3's (3, 6, 9, ..., 30) and indent its counter by 30 spaces.