**Multithreading**

Summary:

* Write a multi-threaded performance test for a fibonacci calculator

What to do:

* Study the code in the "threading" directory.
* Create a class FibCalcImpl which implements FibCalc
* Create a class PerformanceTesterImpl which implements PerformanceTester
* Write a command line application that runs performance tests on your FibCalcImpl using your PerformanceTesterImpl.
  + The application should take the following arguments: <n> <calculationCount> <threadPoolSize>
    - n = which fibonacci number to calculate
    - calculationCount = how many fibonacci calculations to run in total during the test
    - threadPoolSize = how many threads should be used to run the calculations
  + Example: 25, 5, 1 means "calculate fib(25) five times using a single thread".
  + Example: 25, 40, 10 means "calculate fib(25) forty times using ten threads".
  + The application should output the three values in the PerformanceTestResult to System.out.

Requirements:

* Your code should be easy to read and understand.
* You should be able to verbally explain your design considerations.