Lab 8

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1. The number of parameters per method is out of range, the TwiterClient constructor takes 7 arguments.
2. To reduce the number of parameters you could package some of the parameters into a collection such as an array.
3. Yes the code's maximum cyclomatic complexity is only 10.
4. There are three independent paths through the backOff method, the conditions are if backOffMills is equal to zero, less than capMills or greater than capMills.
5. Afferent coupling is the number of external packages that depend on classes within your project. Efferent coupling is the number of external packages your classes depend on. These two metrics can determine how independent or integrated your software is with other programs.
6. $\frac{806}{928+154} * 100\% = 74.4\%$
7. $\frac{761}{154+928+948-806} * 100\% = 62.1\%$
8. $\left(1 - \frac{126}{3526}\right) * 100\% = 98.4\%$