[Question 1 (5 pts)] Please identify the metrics whose values are outside the optimal range. Also identify the methods that are responsible for this.

Number of Parameters and TwitterClient is the Method

[Question 2 (5 pts)] Please provide a strategy or solution (without writing code) that will bring the value of the given metrics into an optimal range.

Make another class

[Question 3 (5 pts)] A good heuristic for cyclomatic complexity is to keep it below 15. Does this code meet that heuristic?

Yes, the highest is 10

[Question 4 (5 pts)] Cyclomatic complexity can be used to identify the number of independent paths that need to be tested in a method. Please identify the number of independent paths in the method backOff in the inner class BackOff in TwitterClient.java. Identify conditions that would lead to each of these paths. (These conditions establish test cases for the method.)

There are 3 different paths; backoffMillis > or < 0, backoffMillis ==0, and if backOffMillis > capMillis

[Question 5 (5 pts)] Explain, in your own words, the afferent coupling" and efferent coupling" methods. Describe how they can be used in project analysis.

Afferent coupling: The number of other packages that depend upon classes within the package is an indicator of the package's responsibility

Efferent coupling: The number of other packages that the classes in the package depend upon is an indicator of the package's independence

[Question 6 (5 pts)] Compute the effectiveness of Top Level Design inspection activities.

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[Question 7 (5 pts)] Compute the effectiveness of Low Level Design inspection activities.

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[Question 8 (5 pts)] Compute the overall defect removal effectiveness of the development process

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