

Drafting a Final Report

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Introduction

Use [this document](#) as a template for your report. Once you are finished with the report, [submit a link](#) to the Google Doc.

Take a paragraph of two to remind the reader of the key ideas which motivate your work.

- If your problem is to create an algorithm for some task, first explain the task to the reader.
- If your problem involves planar graphs, explain what a graph is and what it means for a graph to be planar.

Problem Statement

State your chosen research problem.

To type math symbols, you can use the Google Docs equation editor (Insert > Equation) or the [MathType](#) add-on.

Google Docs Equation Editor	$\sum_{n=0}^{\infty} a_n r^n = \frac{a_0}{1-r}, \quad r < 1$
MathType	$\sum_{n=0}^{\infty} a_n r^n = \frac{a_0}{1-r}, \quad r < 1$

Results

The results section is where you explain your approach to the problem and present the results from that approach. For example, if your problem was to find a relationship between the number of points in a planar graph and the maximum number of connections, then you might include pictures of examples you drew, along with a data table and the relationship you found in the table.

Conclusion

Summarize your results in a couple of sentences. Did you solve the problem?

- If so, how might you make the problem more difficult and/or generalize your solution to a wider class of problems?
- If not, then why didn't your approach work? What method(s) might you try next, that don't share the same weakness as your original approach?