Title

your names & email addresses
assignment #
date

1 Introduction

The introduction establishes the context for and a description of the experiments you performed. It presents some background for and motivates the work you are doing, contains a description of the issue you addressed, what you did in the experiment and a summary of your results. The very last paragraph of the introduction should contain a road-map of what the rest of the report will contain.

2 Methodology

The methodology section describes the experiments you performed, including the workload you used, the computing environment in which you performed the experiment, the simulations you ran and their parameters and the rationale for the metrics you used. You could also discuss limitations on your experiments, e.g., experiments you did not perform and why.

3 Results

The results section is the meat of your report. It contains your quantitative results and your analysis of them. Here's where you put tables and graphs to make the numeric results more readable. The analysis is just as or more important than the results themselves.

4 Summary

The summary summarized your main findings. Sometimes it mentions future work.

I would think that you'd be able to say everything you need to say in about 3-6 pages, depending on the number of graphs you choose to include. Please don't write more than that.