Title
Your names & email addresses
Assignment
Date

Introduction

The introduction establishes the context for and a description of the designs you develop and the experiments you perform. It motivates the work you are doing, sometimes with a description of the problem you addressed, sometimes with a little background of the area, sometimes with an opportunity that your study takes advantage of, and so forth. It also briefly describes how your design works, what the experiments tested and a summary of your results, all at a very high level. The very last paragraph of the introduction should contain a roadmap of what the rest of the report will contain.

Design

If you did an architectural design, this is where its description goes.

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, why you chose those particular simulations, and the rationale for the metrics you used. You could also discuss limitations on your experiments, e.g., particular experiments you did not perform and why.

Results

The results section is the meat of your report. It contains your quantitative results and, most important, your analysis of the results. Can you explain the results you obtained? Are there any trends in the data, and, if so, what do they mean? Are any data points anomalies, and, if so, why did they occur? Is any of the data counter-intuitive, and, if so, what could have caused it? Here's where you put tables and graphs to make the numeric results more readable.

Summary

The summary summarizes your main findings. Sometimes it mentions future work if you think some should be done.

There are some example reports on the 471 web pages.