# Report for Lab 2

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**Statement**: we promise that all of the work in this lab and report are finished by ourselves.

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#### 1 ABSTRACT

In this report, we will give a brief introduction on the purpose and tools used in the lab, a very detailed discussion of the lab. the testplan we will apply, the result of the lab as well as its analysis, the errors we met when doing this lab and the analysis, and the summary and conclusions of the whole lab and report. We will also hard copy our code used in this lab to the Appendices.

## 2 INTRODUCTION

This lab is the second lab of EE300. It has two main purposes. The first is to build a more complex design, a calculator, using some peripherals in lab 1. The second is to begin to learn the formal design process during the development cycle. This lab is not about learning how to build, but how to design, which is a key skill in software development.

## 3 DISCUSSION OF THE LAB

- 3.1 Brief Design Specification
- 3.1.1 Overall summary description of the module
- 4 TESTPLAN
- 5 PRESENTATION, DISCUSSION, AND ANALYSIS OF THE RESULTS
- 6 ANALYSIS OF ANY ERRORS
- 7 SUMMARY AND CONCLUSIONS
- 8 APPENDICES