Abstract
The goal of the lab is to produce a blinking LED light connected to a circuit on the Raspberry Pie. A circuit was built using a breadboard, LED, and a resister. Code was written in C blink the LED. The instructions of the lab were followed and produced a blinking LED light.

Design Methodology
Code was written to toggle power on a specific pin using registry values of the Raspberry Pie. A delay function in milliseconds was written; this incorporated the for loop's number of instructions, instruction's number of cycles, and the Raspberry Pie's clock speed.

Results and Analysis
A blinking LED was produced, although the delay between toggling states was longer than expected from the calculation.

Conclusions
Even though the LED blinked (which was the goal of the lab), it was at an incorrect speed (the lab had specified a delay of 1 second) which shows that either the math or the given variables were incorrect.