Lab 0 Submission

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CPE 133
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1   Introduction

The goal of this lab was to install Vivado on our systems and then create a project, simulate, then deploy the project to the Basys 3 board. This lab was a success and I was able to complete all of the tasks.

2   Video of Working Project

Linked here is a video of the working project: Project Video
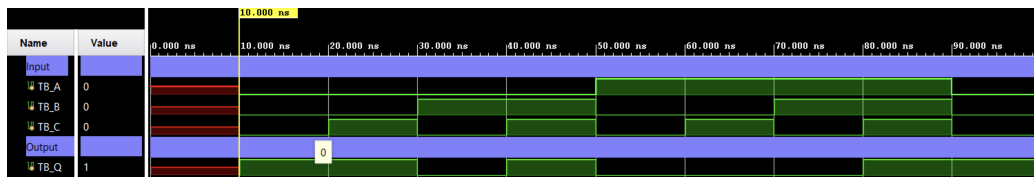
3   Simulation

Figure 1: Vivado Simulation

4 Error Log

There were no errors or significant warnings in the Vivado log as shown below.
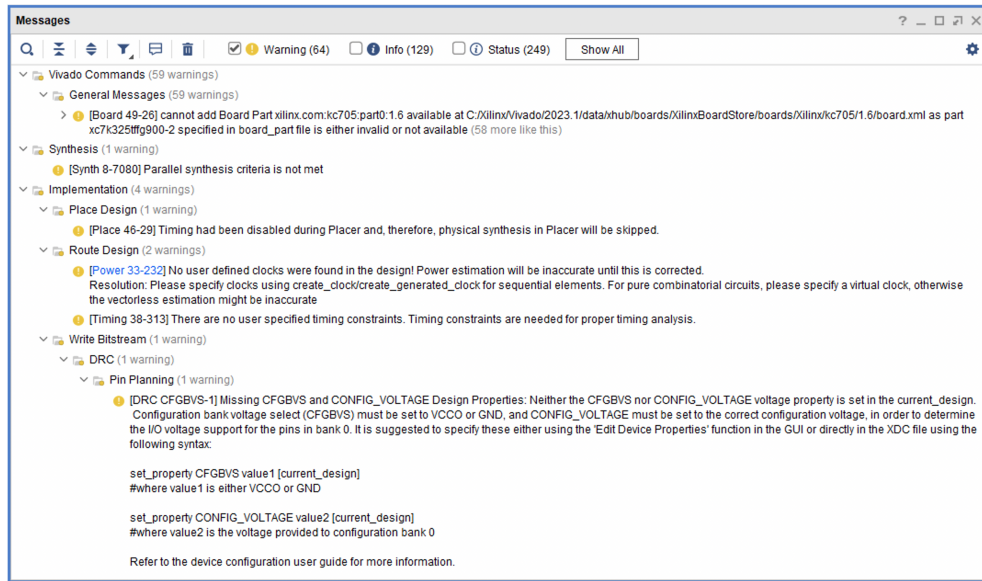

Figure 2: Error and Warning Log

5 Elaborated Design
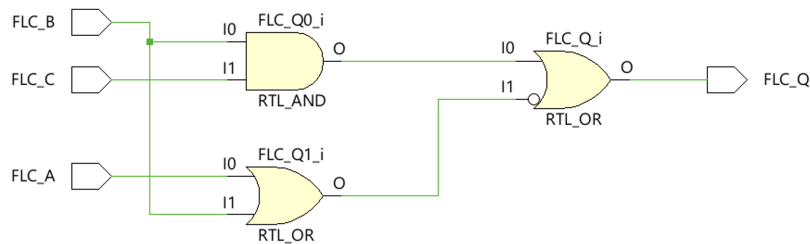
Presented below is the elaborated design of the project generated by Vivado.

Figure 3: Elaborated Design