

Project Overview

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Our multicycle simulator is only a small change from the single cycle simulator. It functions exactly the same, with one small change. Instead of incrementing the cycle count by one every time an instruction is executed, it increments it by the number of cycles the instruction takes in the multicycle design. We did not encounter any major difficulties converting the single cycle design to multicycle or designing our benchmarking suite. To our knowledge our program does not have any shortcomings, and our benchmarking suite is complete.