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Our initial problems extending from the project were understanding of the instructions. The instructions used a lot of high level language that we were not all that familiar with so before we could start, we had to do a lot of research into what the project was asking us to do. This slowed down the process significantly.

Our research started with looking up 4 bit Carry Lookahead Adder diagrams in order to visualize what we would be ultimately implementing. When we started implementation, we originally confused the logic of the diagrams with the inputs specified in the question. After realizing our error, we reworked our program to match what we thought was being asked of us.

The lookahead adder is almost complete to our understanding of the project but we were unable to complete the 32-Bit ALU.

Resources:
4-Bit Carry Lookahead Adder Diagram
https://upload.wikimedia.org/wikipedia/commons/thumb/0/04/4-bit_carry_lookahead_adder.svg/2000px-4-bit_carry_lookahead_adder.svg.png