**--What did you learn from this project?**

Honestly, while attempting to complete this project, I gained a renewed appreciation for the pioneers of computing. Coming into this class, I always held a fondness for computers and technology as a whole, and this project has reinforced the emotion. I wish I could've reached the pinnacle of this project by downloading and demonstrating it on a DE2 board, but sadly, I fell short.

Other than the shortcomings, this project taught how each datapath utilizes various components (from memory to MUXes) to decipher and implement sets of instructions. I also re-learned how extremely finicky and tedious programming is.

**--What would you do differently next time?**

Having not completed the project, I would obviously start earlier. I severely underestimated the stress and time constraints I would be under in my final semester. I would've possibly looked into each design option more carefully as well. I'm aware each has their pros and cons, but a pipelined datapath seemed intriguing to attempt since it was the most abstract (required the most forward thinking) of the three designs.

**--What is your advice to someone who is going to work on a similar project?**

Research heavily before jumping into a design. Some designs may seem easier, but they all have their pitfalls and if you choose ease over interest, you may find a lack of determination. Also, find a good partner. It's amazing how one seemingly insignificant suggestion can change the whole outlook of a project with a scale like this.