Amon Ratna Sthapit

Final Project Reflection

Even though we didn’t get everything working properly I really really enjoyed working on this final project and I got to learn so much from it. I learned to build my own assembly language and specify how to format those assembly instructions into 16-bit hexadecimal code. I really liked the experience of building my own assembler from scratch and learning how to make it assemble my assembly code into hex code. Having to design and program my own microprocessor was also fairly difficult but it was fun and I learned a lot and understand how a microprocessor works. I copied a lot of code from the MIPS 3 assignment but having to change a lot of stuff from it really forced me to understand how the MIPS processor was working and how microprocessors in general work.