CSE 140 Project1 Testing Strategy:

- **Test whether or not when addiu would add an unsigned integer and return values back to the register**
- **Test whether or not when sw will properly store values into the memory, by checking if lw will give back the same value that is stored.**
- **Check if lw will take values out of memory and can be properly used by other instructions.**
- **Check if beq will branch if the two register values are equal, and bne will branch if the two register values are not equal**
- **And how it wouldn't branch if beq's two register is not equal and when bne's two register is equal to each other.**
- **Check is srl and sll will shift with the amount in shamt, and check is the shifted amount is equal to theoretical one.**
- **Check is addu and subu will do its operation on two unsigned register values, and that it will return an unsigned value from RD.**
- **Check is and and or logic will follow their intended logic, and check with theoretical one.**
- **Check if andi, ori, and lui would work with both positive and negative immediates.**
- **Check if J instruction will properly jump to the intended instruction given in the address field**
- **Check is Jal instruction will properly stored its next pc instruction address onto #ra, so that jr instruction can return to that address without any problems, and also jal will jump as intended.**