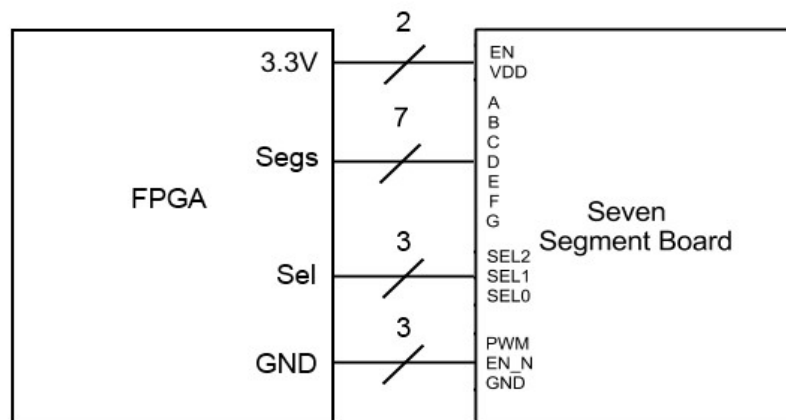
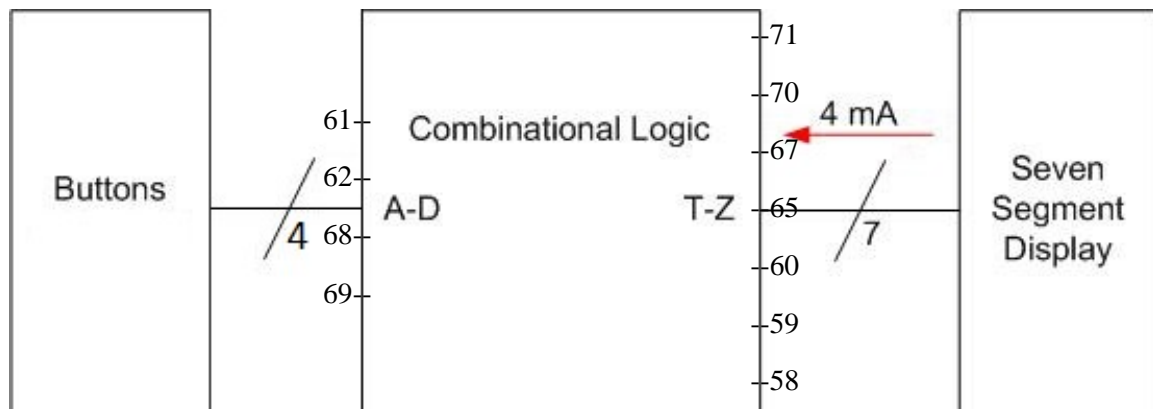


1. When is a simulation necessary? Was it useful for this section?

Simulation is necessary when you are first testing your design to check that your logic and equipment is correct in a situation. Simulation was useful in this section in order to make sure all out your outputs are correctly displayed alongside with their intended inputs.

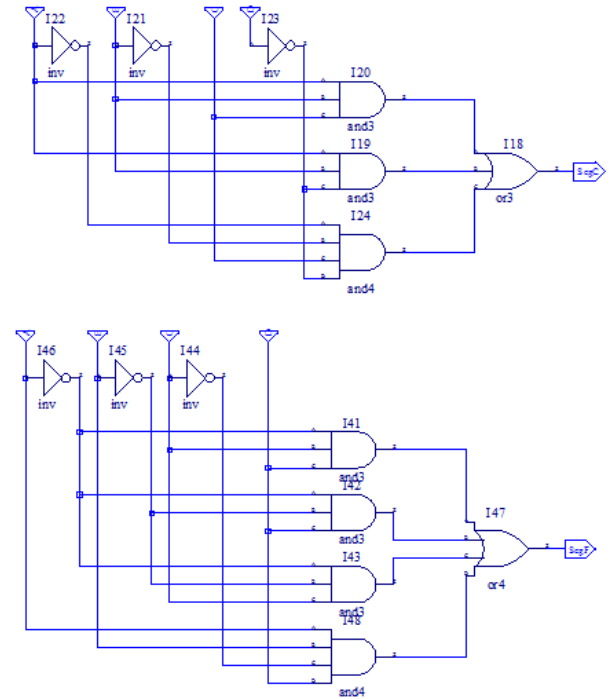
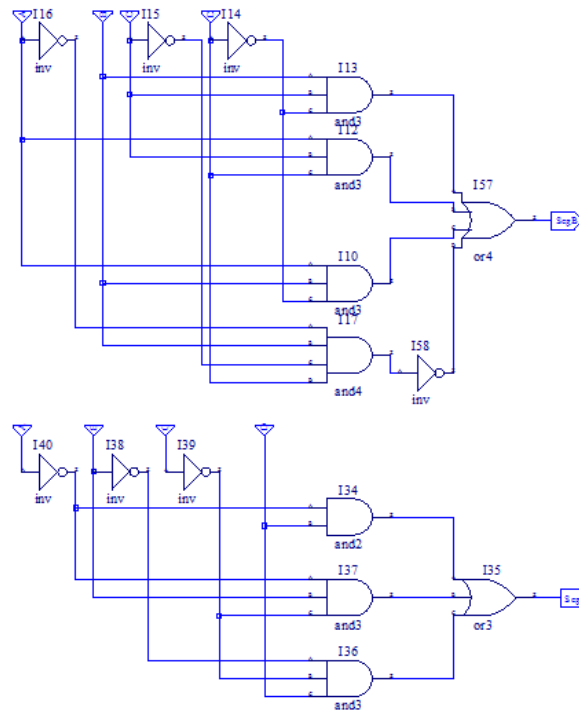
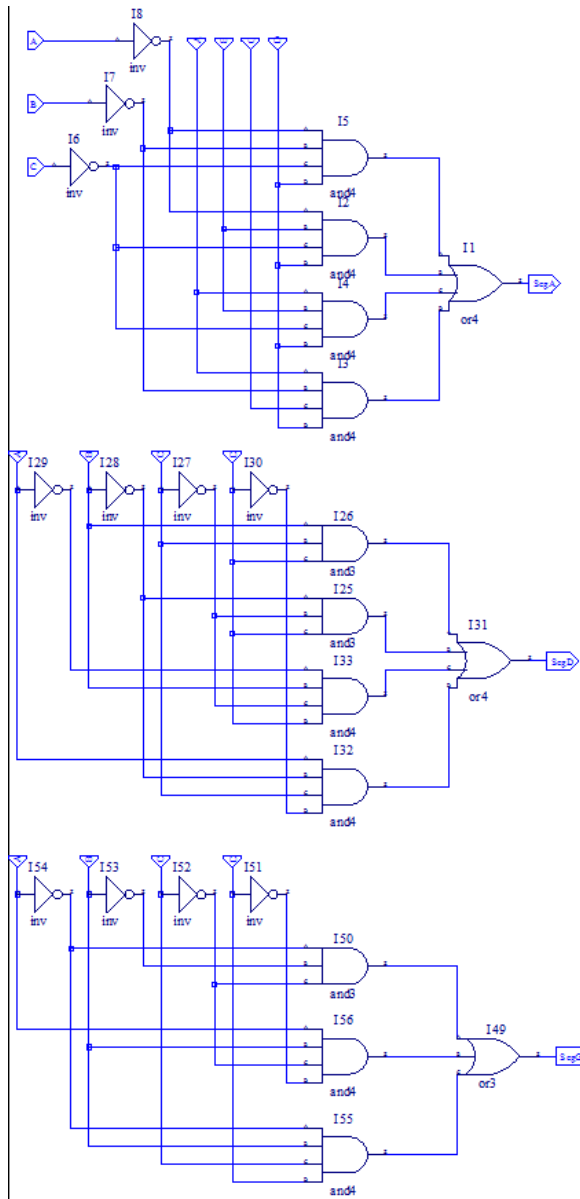
2. Attach the detailed block diagram, digital logic schematic, and simulation results for this project.

Detailed Block Diagram:



*Other Connections
not shown

Digital Logic Schematic:



Simulation Results:

