

# CIS 351 Sample CL5 Problem Solutions

Fri 11<sup>th</sup> Feb, 2022

## CL5: Combinatorial Logic Design

Design a circuit that takes two integers as input and returns the larger integer as output. Assume you have a “less than” circuit. You may draw the `less_than` circuit, muxes, decoders, equality circuits, adders, etc. as “black boxes”.

