## CIS 351 Sample CL5 Problem Solutions

Tue  $2^{\rm nd}$  Sept, 2025

## 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".

