CE 1901 Lab1 Report

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1. 4-bit Greater than 4

This circuit identifies if a 4 bit input is greater than 4.

Circuit Diagram: Diagram, schematic

Description automatically generated

Waveform Simulation:

Diagram

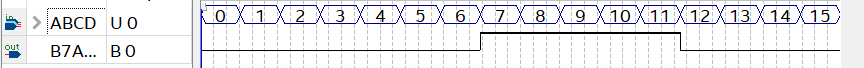
Description automatically generated

1. 4 bit between 7 and 11

This circuit identifies if a 4 bit input is between 7 and 11

Circuit: A picture containing diagram

Description automatically generated

Waveform Simulation: 

1. 4 bit 6, 7, 8, 9, & 10

This circuit detects the 4 bit numbers 6, 7, 8, 9, and 10.

Circuit: Diagram, schematic

Description automatically generated

Waveform Simulation: 