EE271 Lab Report 1

a. Junchao Zhou EE271
b. A 4:1 Mux is a device with four data inputs i00,i01, i10, i11 and two selected input sel0 and sel1. When sel0 == 0 and sel1 == 0, the output is equal to the i00 input. While sel0 == 1 and sel1 == 0, the output is equal to the i01 input. While sel0 == 0 and sel1 == 1, the output is equal to the i10 input. And while sel0 == 1 and sel1 == 1, the output is equal to the i11 input.
c. True signal makes the LEDR's light up.
d. The up position of the slider switch outputs a TRUE.
e. The unpressed pushbutton outputs a TRUE.