ELC 2137 Lab 2: Transistor Logic Gates

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Summary

The purpose of this lab was to build and explore the behviors of logic gates. We first built an OR Gate, second a Not Gate and third a Nor Gate. The last logic gate was a combination of two Not Gates and a single Nor Gate.

Q&A

- 1. What logic operation does the Final gate implement?
 - (a) The logic operation that the Final gate implements is an And Gate.

Results

A	В	Led
0	0	0
0	1	0
1	0	0
1	1	1

Code

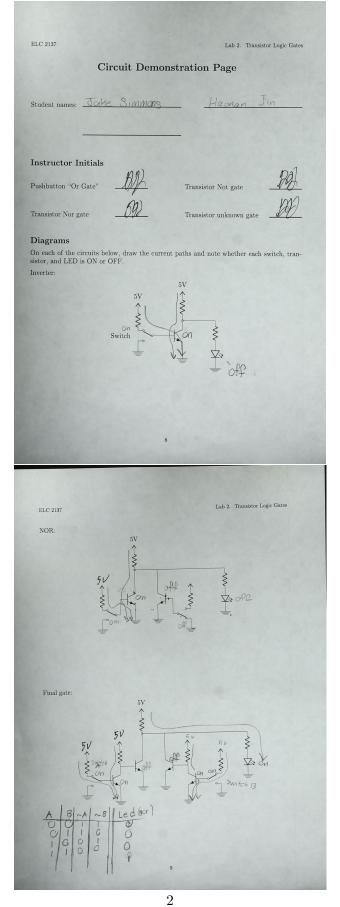


Figure 1: Schematics and drawing of current path for each logic gate