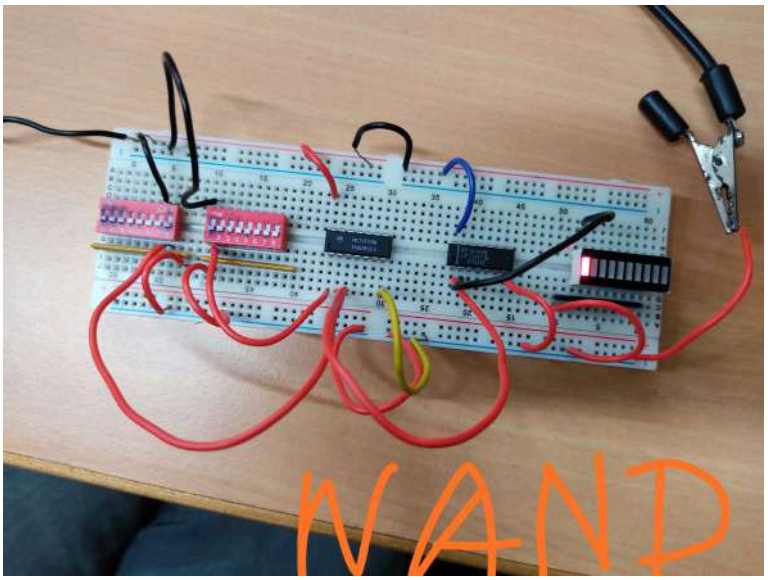
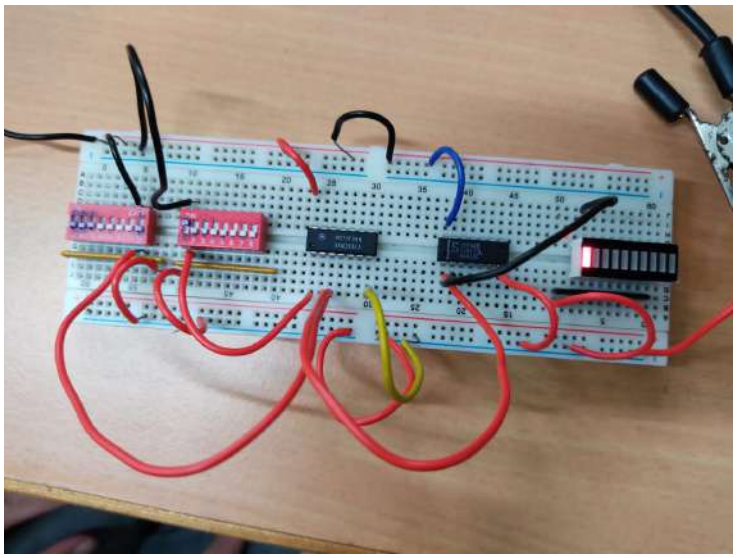
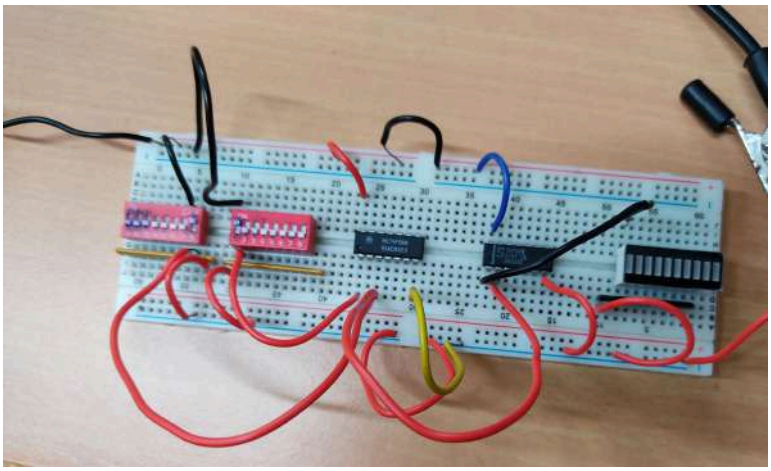
NAND:



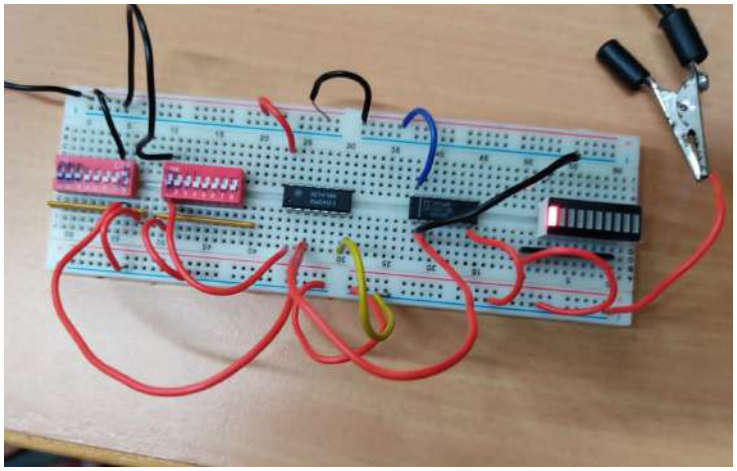
0_0 —> 1



0_1 —> 1

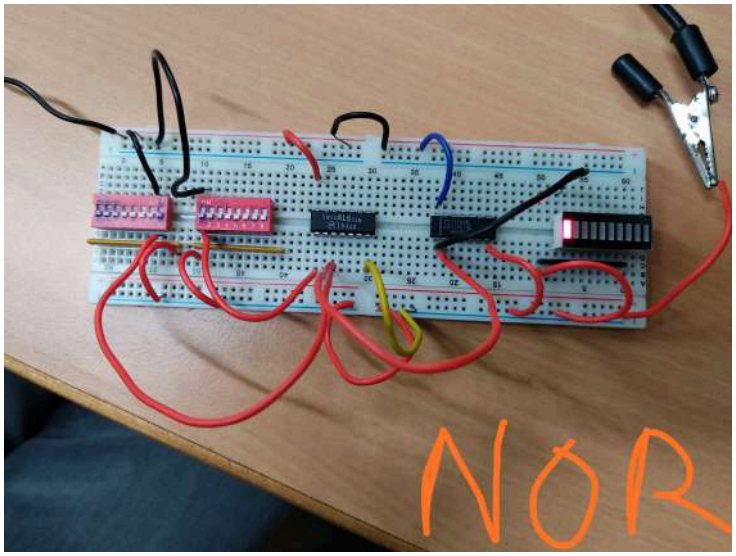


1_1 —> 0

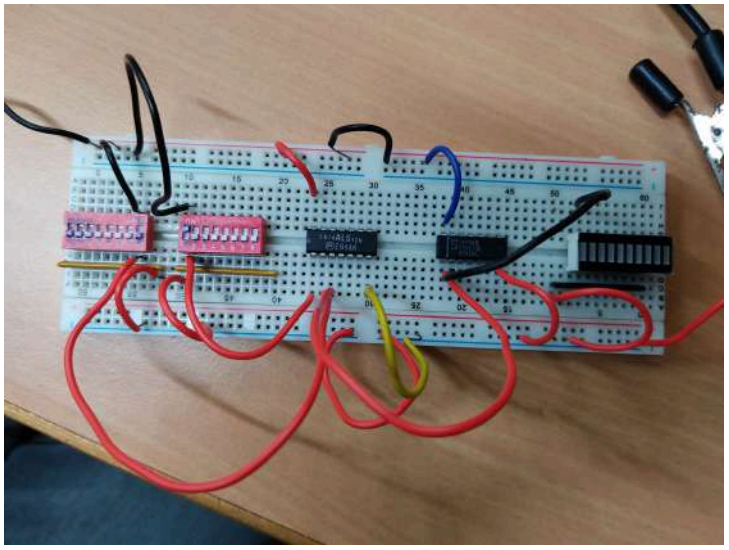


1_0 —> 1

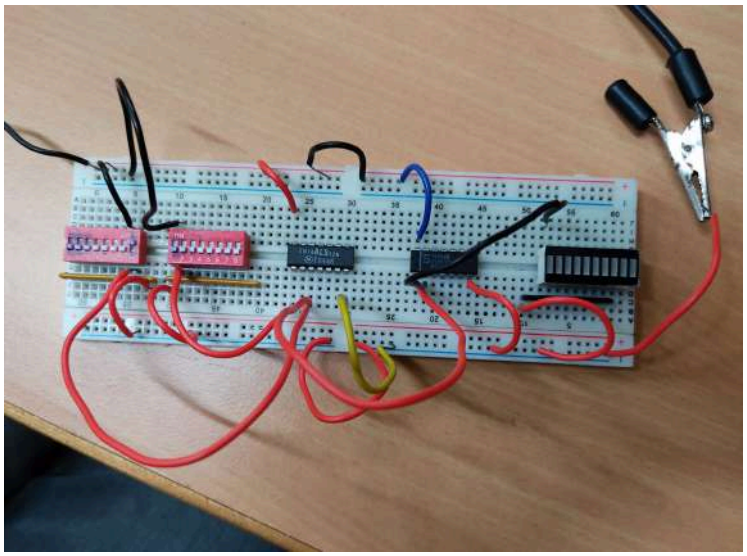
NOR:



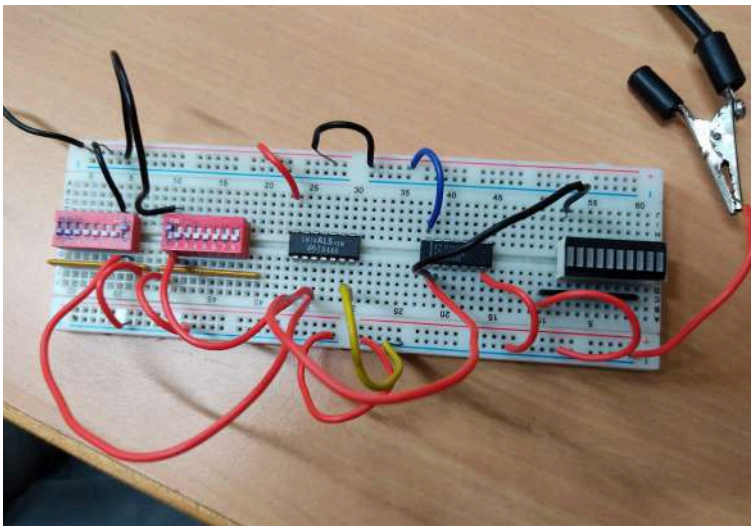
0_0 —> 1



0_1 —> 0

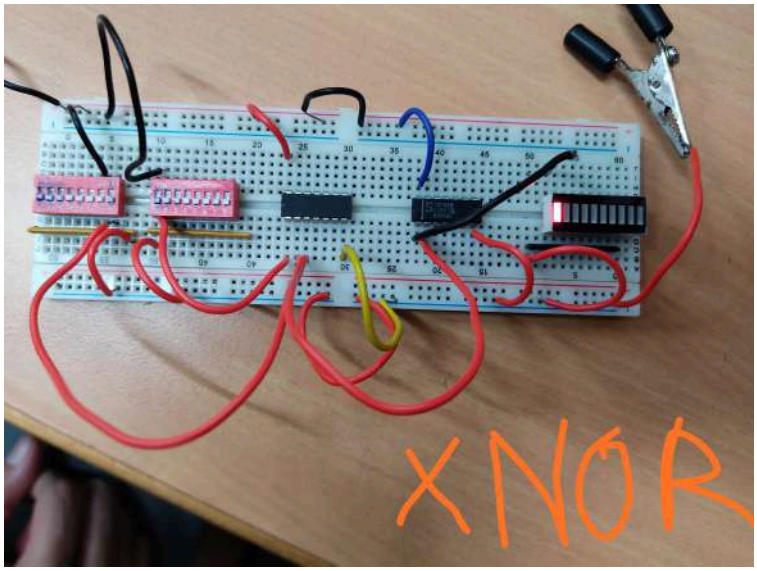


1_0 —> 0

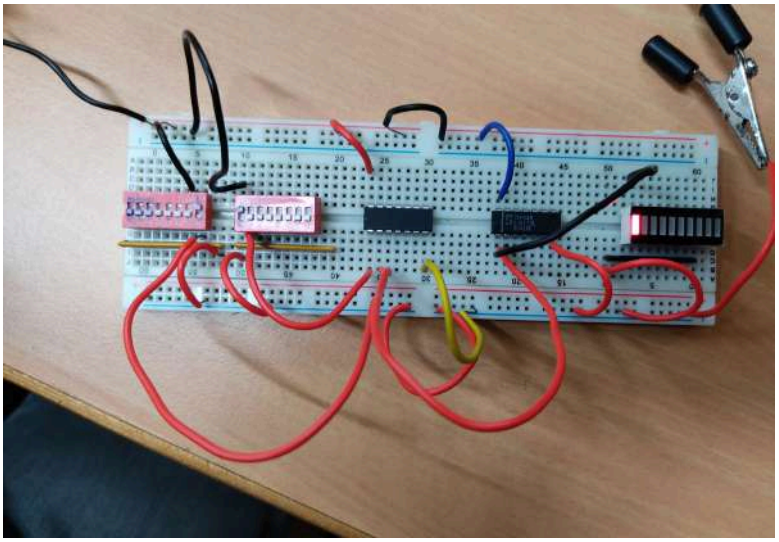


1_1 —> 0

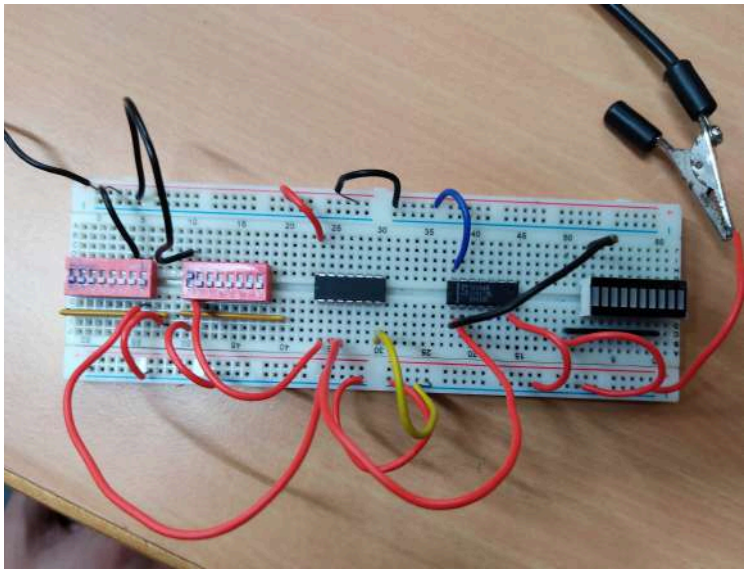
XNOR:



0_0 —> 1



1_1 —> 1



0_1 —> 0