

# CSC258 Prelab Four

Anthony Tam, 1002583402

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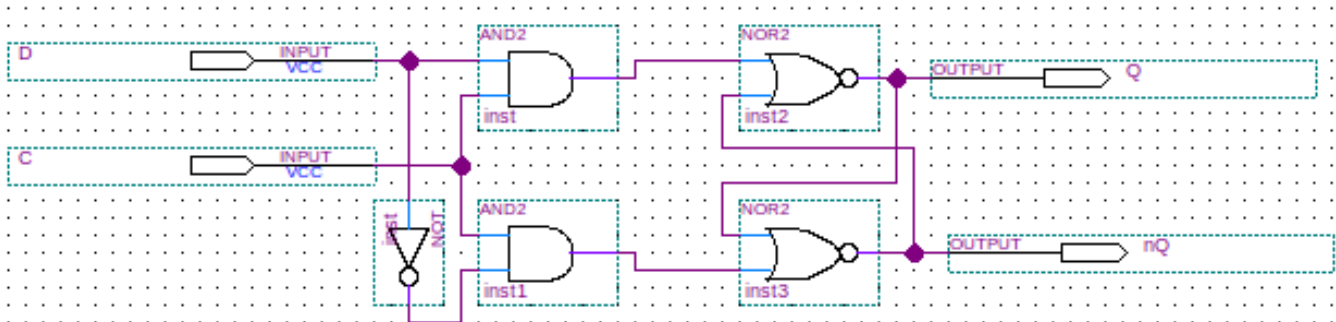
## 1 SR Latch Truth Table

C	S	R	Q	Q'
0	X	X	X	X
1	0	0	X	X
1	0	1	0	1
1	1	0	1	0
1	1	1	0	0

Notes:

- The clock does not play a major role in the truth table
  - When the clock is 0, we are always in a latch state and retain the previous value (Denoted by X)

## 2 Diagram of a D latch



## 3 Diagram of a D Flip Flop

