

# BLG222E - Computer Organization

## Assignment 1

Design a 4-bit counter using T flip flops in logism software. The counter should have one control input ( $X$ ). If  $X = 0$  the counter should count up (increment), and if  $X = 1$  the counter should count down (decrement).

Save your design file in .circ format and upload it to ninova before its deadline.

