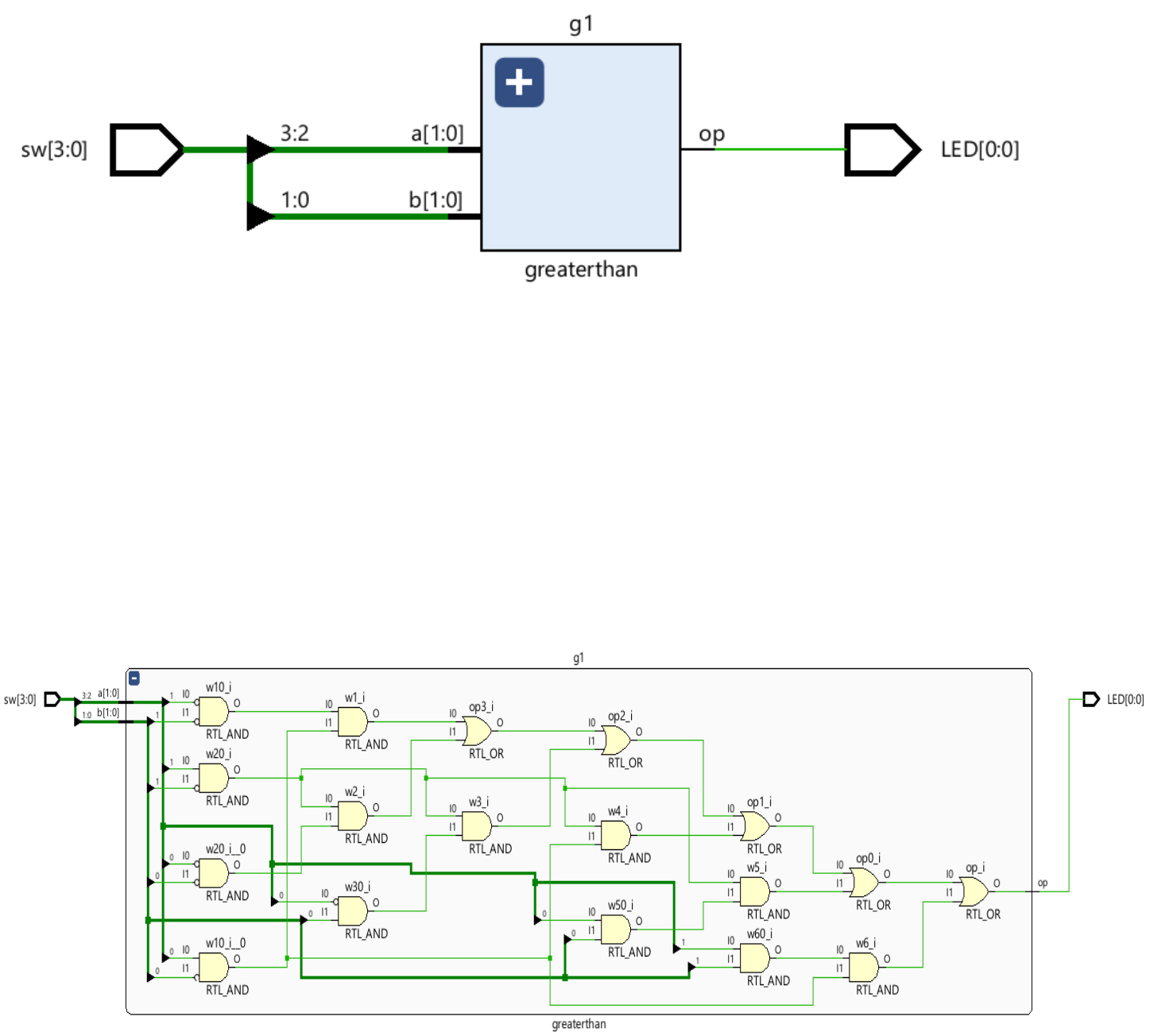
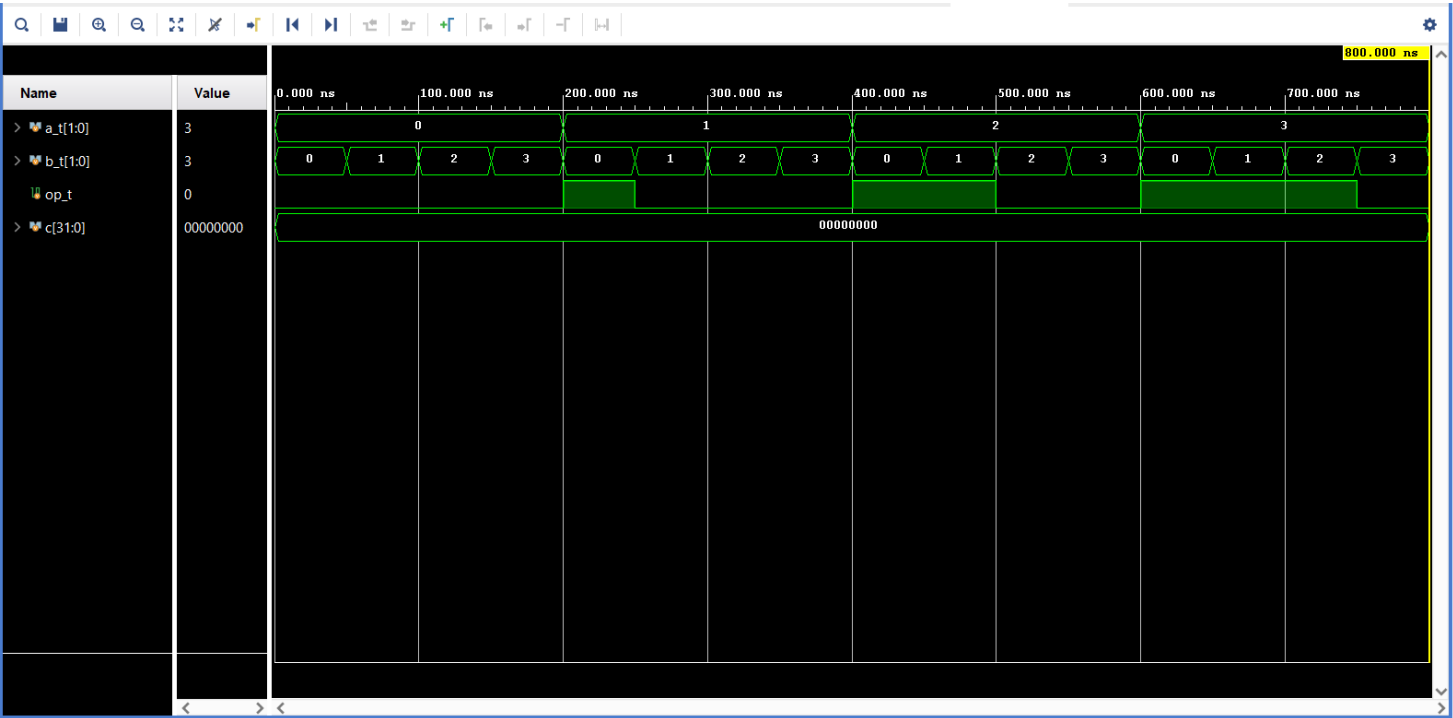


Schematic



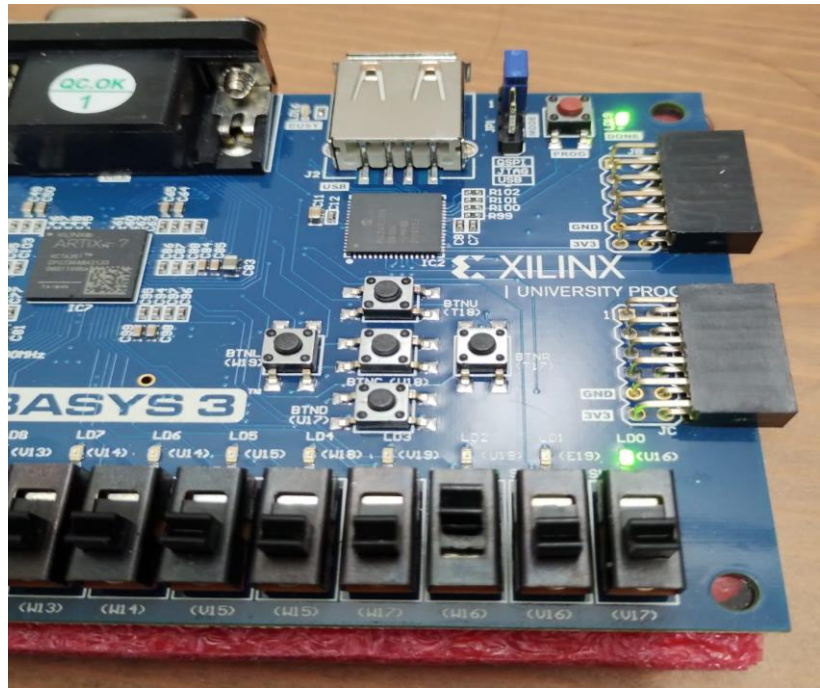
Simulation



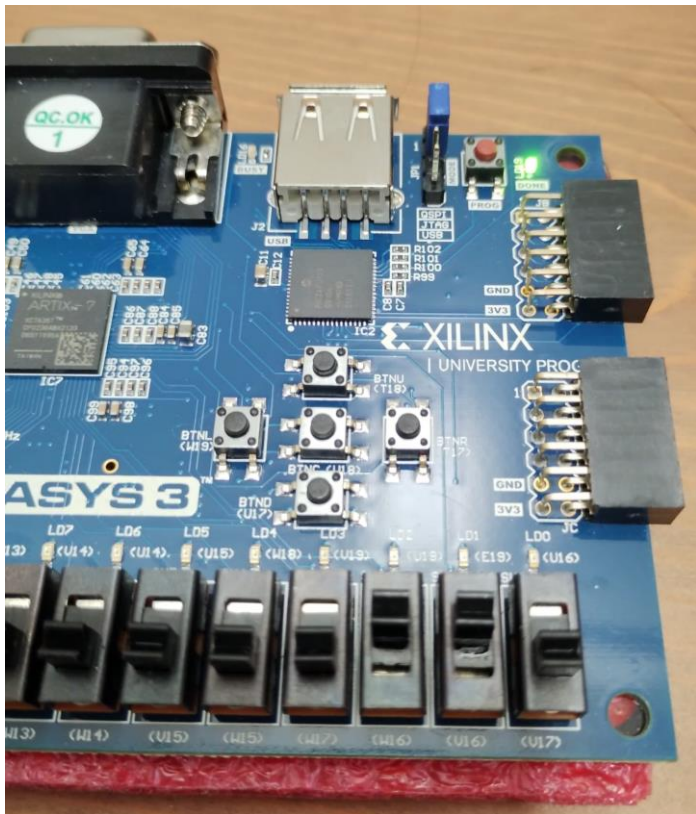
Board Interfacing

Some Test Cases

1) When a=1, b=0 -> LED - On



2) When $a=1$, $b=2 \rightarrow$ LED - Off



3) When $a=3$, $b=2 \rightarrow$ LED- On



4) When $a=3$, $b=3 \rightarrow$ LED – Off

