10000100 - -124

00011001 - 33

10000100 - 110000100

00011001 - 000011001

10000100 - 01111100

00011001 - 11100111

110000100

+ 110011001

100011101

001100100

+ 000011001

001111101

110000100

+001100111

111101011

001100100

- 000011001

001001011

source tb\_arithmetic.tcl

# set curr\_wave [current\_wave\_config]

# if { [string length $curr\_wave] == 0 } {

# if { [llength [get\_objects]] > 0} {

# add\_wave /

# set\_property needs\_save false [current\_wave\_config]

# } else {

# send\_msg\_id Add\_Wave-1 WARNING "No top level signals found. Simulator will start without a wave window. If you want to open a wave window go to 'File->New Waveform Configuration' or type 'create\_wave\_config' in the TCL console."

# }

# }

# run 1000ns

\*\*\* Starting simulation at time 20000 \*\*\*

INFO: [USF-XSim-96] XSim completed. Design snapshot 'tb\_arithmetic\_behav' loaded.

INFO: [USF-XSim-97] XSim simulation ran for 1000ns

launch\_simulation: Time (s): cpu = 00:00:04 ; elapsed = 00:00:07 . Memory (MB): peak = 1020.727 ; gain = 0.000

run -all

\*\*\* Simulation done with 0 errors at time 5160000 \*\*\*

$finish called at time : 5160 ns : File "C:/Users/noahh/Documents/Vivado/Ecen 220/Labs/Lab 4/Lab 4/Lab 4.srcs/sim\_1/new/tb\_arithmetic.sv" Line 57

I had one error that said an extra led that was implemented was not used. I accidentally uncommented all the leds up to 9 which was not needed. I recommended it and saved the file to run the synthesis. I also had an error that said the synthesis failed to delete the files in the runs folder. When checking the folder, I was confused because the files had been created that minute and there were no other files to delete besides the ones that were just made.

