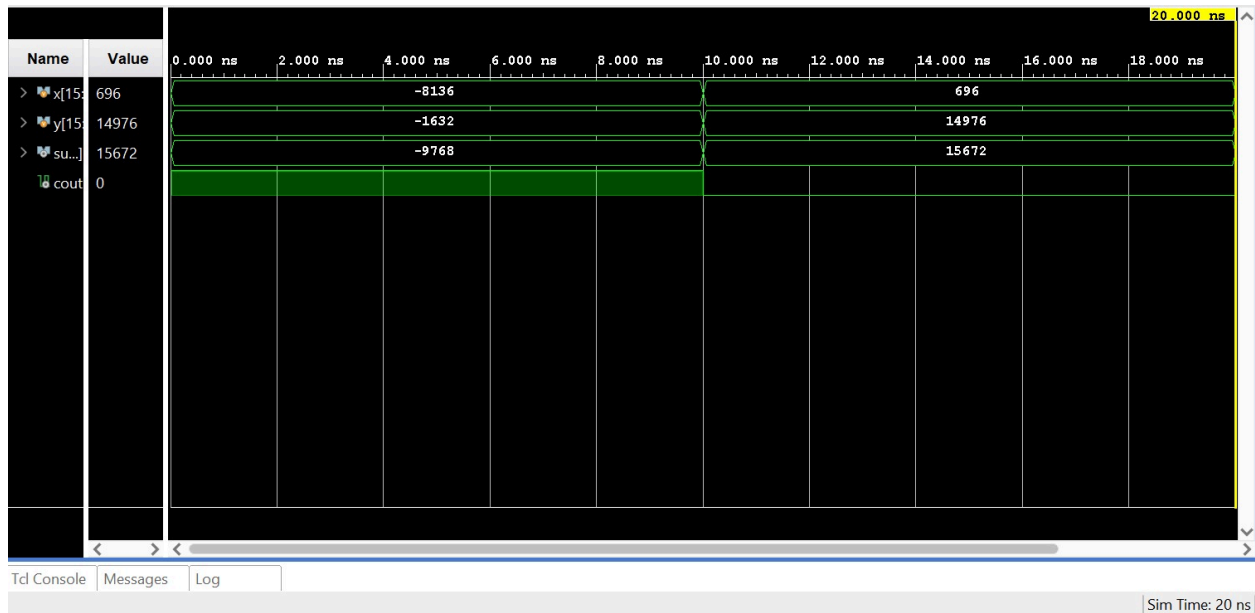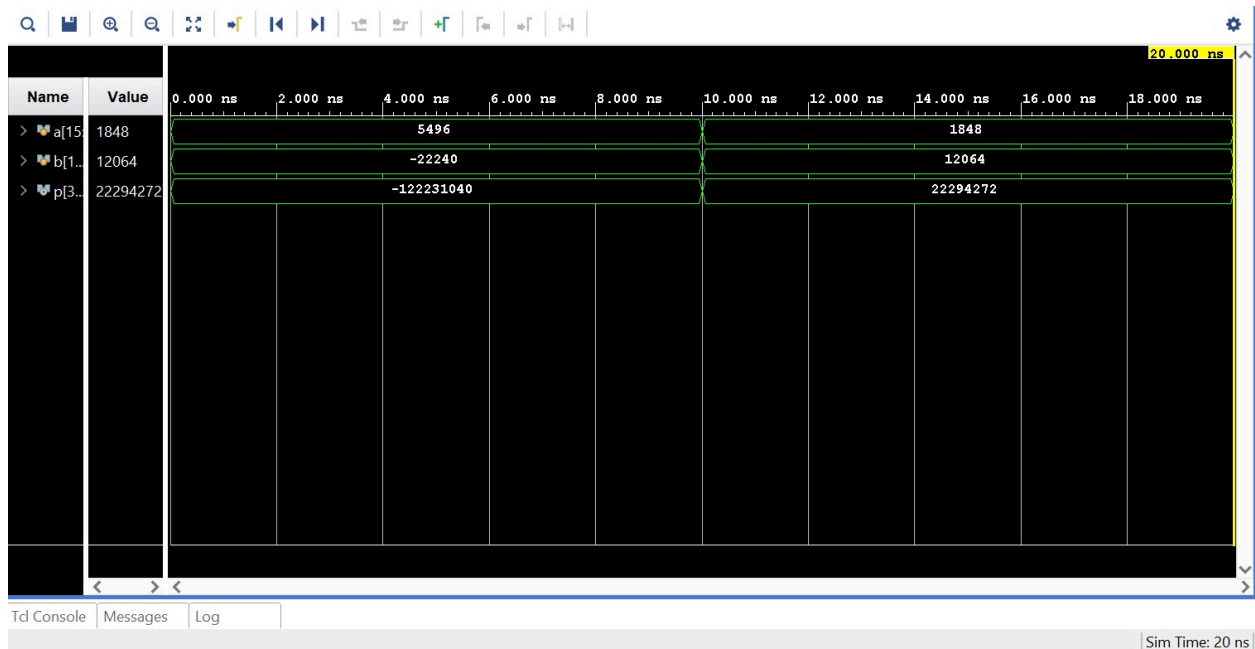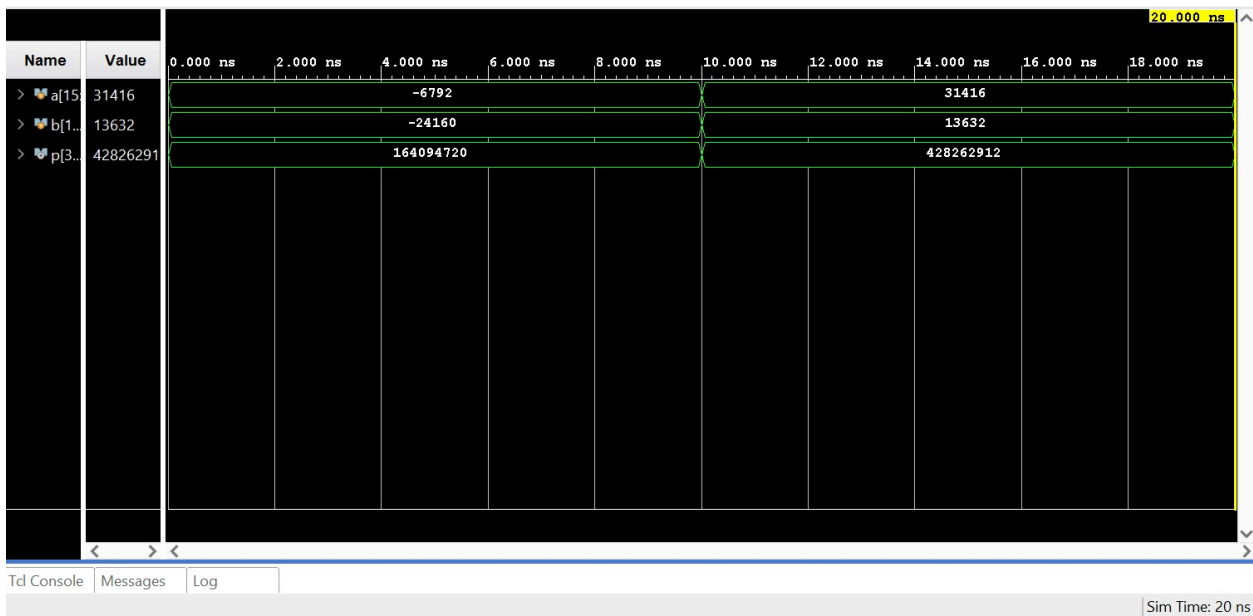# SIMULATIONS AND IMPLEMENTATIONS

SIMULATIONS:

KOGGE STONE ADDER TESTBENCH FOR 16 BIT:

WALLACE MULTIPLIER TESTBENCH FOR 16 BIT:
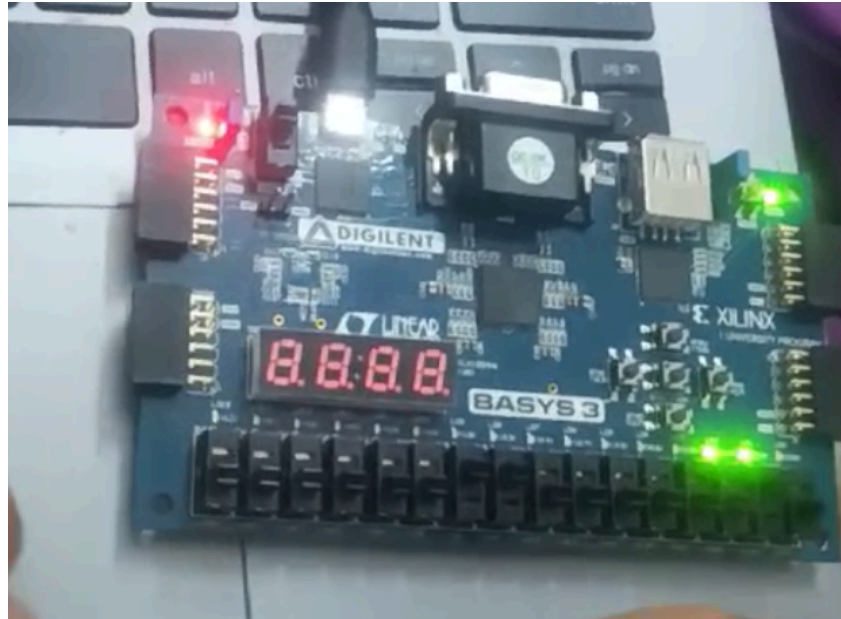
BOOTH MULTIPLIER TESTBENCH FOR 16 BIT:

FPGA IMPLEMENTATIONS:

KOGGE STONE ADDER IMPLEMENTATION:

WALLACE MULTIPLIER IMPLEMENTATION:

BOOTH MULTIPLIER IMPLEMENTATION: