Recitation#10: Mini ALU

CS232 Spring 2021

When: April 2 at 2:00 pm

Build a miniALU using custom component of nandgame:

f0-f2 are control bits. a and b are two 16-bit inputs.

f2f1f0	output
000	a AND b
001	a OR b
010	a + b
011	not used
100	a AND NOT(b)
101	a OR NOT(b)
110	a - b
111	SLT (SET LESS THAN) out is 1 if a < b else 0