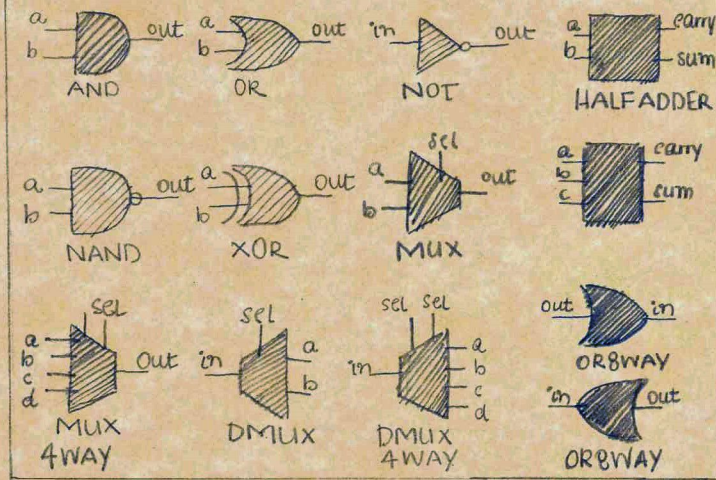


Legend:

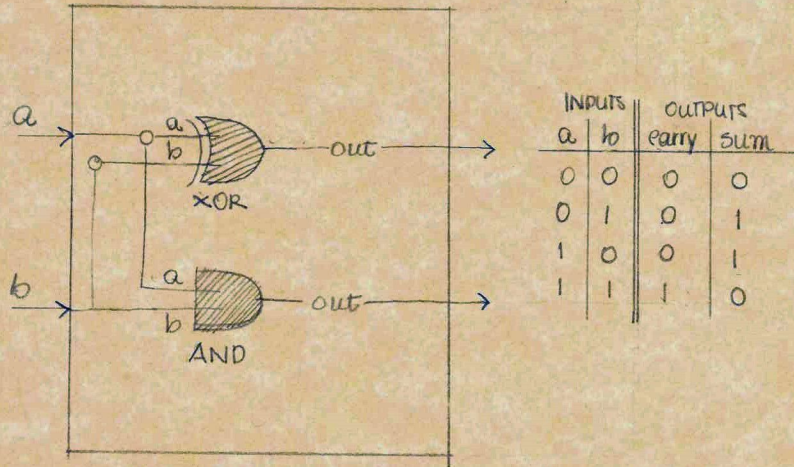


Homework 03 CS220-Computer Architecture & Machine Language

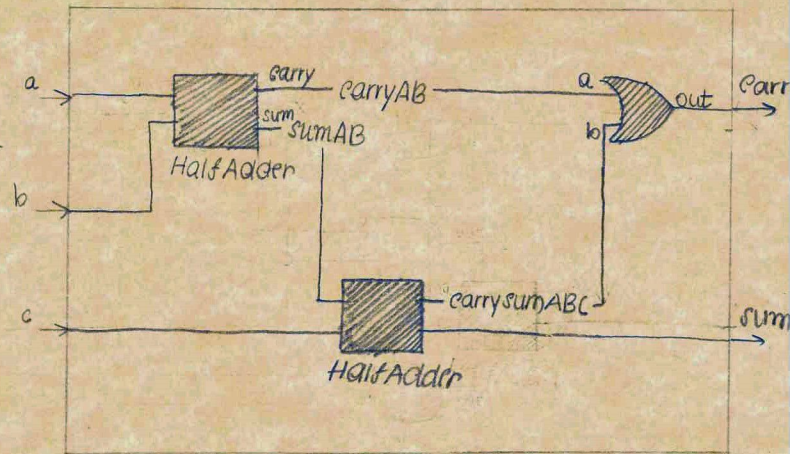
Author: keesha kajan
Section: 2653 T/Th 3:30 pm-5:20
Date: February 14th, 2018

INPUTS			OUTPUTS	
a	b	c	carry	sum
0	0	0	0	0
0	0	1	0	1
0	1	0	0	1
0	1	1	1	0
1	0	0	0	1
1	0	1	1	0
1	1	0	1	0
1	1	1	1	1

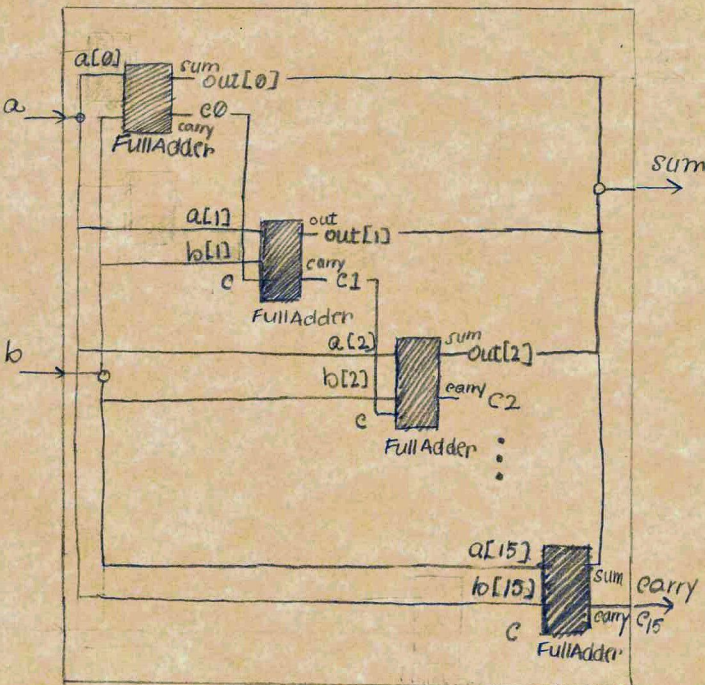
HalfAdder



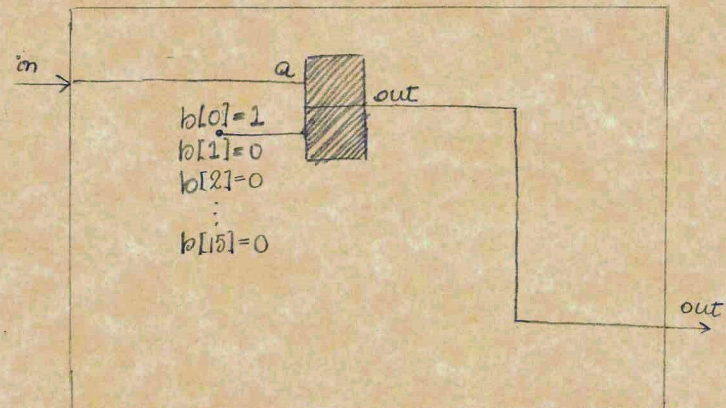
FullAdder



Add16



Inc16



Arithmetic Logic Unit (ALU)

