Circuits inside ALU that add bits and output fulfalori

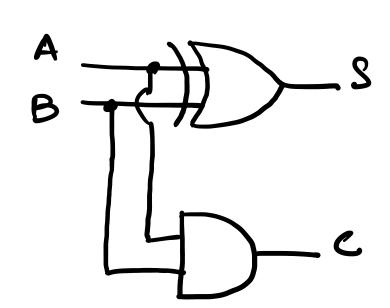
Sum and carry result.

+7 00000 | 1 - carry

100 - Sum

Those adders, which add 2 bits are called that adder. Those adders, which add 3 bits are called full adder.

Half Adder:



A B C S
0 0 0 0
1 1 0 1
1 1 0

Full Adder:

