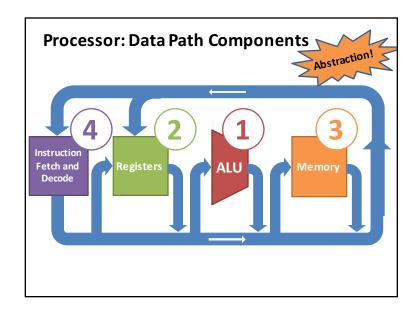
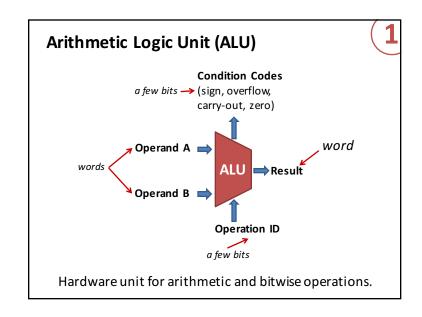
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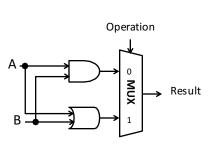




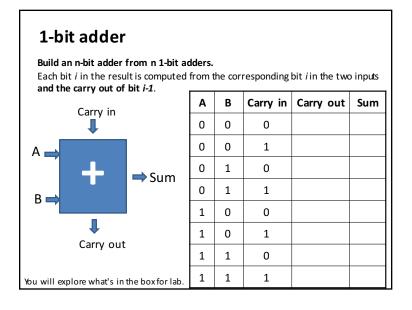


Build an n-bit ALU from n 1-bit ALUs.

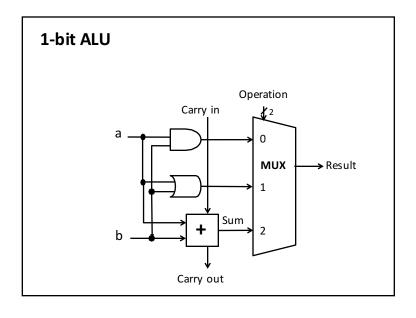
Each bit *i* in the result is computed from the corresponding bit *i* in the two inputs.

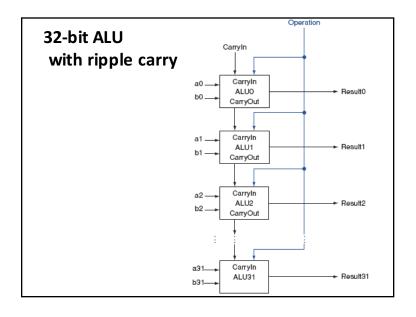


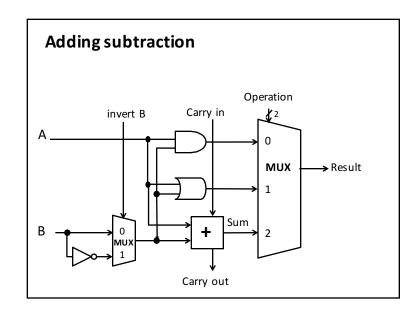
	Op	Α	В	Result	
	0	0	0		
	0	0	1		
	0	1	0		
	0	1	1		
	1	0	0		
	1	0	1		
	1	1	0		
	1	1	1		
_	· · · · · · · · · · · · · · · · · · ·				



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ALU Condition Codes Zero Flag: 1 if result is 00...0 else 0 Sign Flag: sign bit of result Carry Flag: 1 if unsigned overflow else 0 carry-out bit of result Overflow Flag: 1 if signed overflow else 0

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