





Big Picture (Recap, Continued)

• Obviously this is going to be complicated. We start by building something that will do arithmetic and logical operations ("ALU"). We'll figure out later (next chapter) how to manage its inputs/outputs.

• In terms of the "five classical components", ALU is part of "datapath" and will be managed by "control" we'll build in chapter 5.

You'll notice that in the figures some inputs are shown in black and some in color? The ones in color are "control inputs".

• A general comment: In chapters 4 and 5, if you understand the "important" figures, you probably understand what you need to.

Slide 3















Minute Essay • How are you doing with the reading? Does the textbook explain things in ways that make sense to you? (And has your opinion changed since you read, say, chapter 1?) Slide 12