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More Administrivia • Reminder: Final Friday. Draft review sheet online. I'm considering relaxing the rule about not using the classroom computers except to browse. Thoughts? Should there be a review session? I could do Wednesday afternoon.







What I Hope You Got From This Course A basic understanding of what programming is — expressing a problem and its solution as "an algorithm" and turning that into code. In particular I tried to make at least some assignments not-totally-trivial, to give a sense of what you can do with programming skills. A basic knowledge of C and its quirks. Exposure to Linux command-line tools.

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- C would not be most people's choice as a beginning language must learn both programming basics in general and C quirks. (But our department used it in CS1 at one time!)
- But traditionally it's a "universal language" with implementations on pretty much every platform (though that may be changing?). So you may need it at some point, particularly for "embedded systems" work.

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"Why Not C" On many occasions I've mentioned "more-recent languages" as being easier to use, safer, etc. Also many of them include extensive standard libraries that support GUIs, graphics, networking, etc., etc. In my thinking, for general-purpose/application programs one of these is the way to go. Popular choices include C++, Java, and Python (particularly the latter, for people outside CS). We like Scala but it is not (yet?) as widely-used. Does that mean it was useless to learn C? I say no! good to have in your "bag of tricks", and once you know *one* programming language, the next is easier, and the one after that is easier still ...



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