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Administrivia

- Reminder: Homework 2 due today. Homework 3 to be on the Web tomorrow, due in a week.
- First quiz next Wednesday. About 10 minutes, end of class, "open book / open notes" (meaning access to textbook, your notes, anything on the course Web site, nothing else). Topics include anything we cover up through next Monday (so, C programming as covered so far, material about base 2 and how used to represent integers in computers). Meant to be not stressful!

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Conditional Execution, Continued

- Last time we talked about conditional execution and how expressed in C. Among other things this will let us do simple checking for bad input.
- Challenging part in many applications is to make sure you've covered all the possibilities.

Example — Finding Roots of a Quadratic Equation

- As a rather math-y example, let's write a program to compute and print the roots of a quadratic equation

$$ax^2 + bx + c = 0$$

Slide 3

- We'll use the formula

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

and try to account for as many cases as we can ...

Minute Essay

- What (if anything!) did you find interesting, difficult, or otherwise noteworthy about Homework 2?

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