C: [kœri]wurstwerfen

Maarten Sijm

Problem

Compute the maximum possible time a [kœri]wurst can be airborne.

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Solution

- The problem statement gives a formula to compute the height difference in terms of the time
- Rearrange and solve this equation for time in terms of height difference
- This only accounts for half the airtime, so multiply by 2
- Pitfall: don't read the input into a 32-bit integer
- Non-pitfall: somewhat unusually, using 32-bit floats is actually fine in this problem (why?)

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