DSA Trial Competition

‘Floating point compare text’

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Problem description:-

This program tests the special floating point compare script accompanying CMS. The problem input consists of first a line with a single integer, then that many lines, with on each line a floating point number (possibly also ± inf or nan). For each floating point number, a line should be written containing the reciprocal of the number, within 10−6 precision.

Sample input/output:-

Sample input and output for this problem:

Input	Output
8 +0 1.0 2E0 3 4.0000000000000 5.0000000000001 Inf nan	inf 1.0 0.50000000001 3.333333333E-1 0.25 2E-1 0 NaN