Rational numbers   P50688_en

Define a @rational@ type, to operate with rational numbers and implement the following operations:

> *rational zero ();*
> *rational fixa (**int** num, **int** den);*
>
> **int** *numerator ();*
> **int** *denominator ();*
>
> *rational sum (rational q1, rational q2);*
> *rational sub (rational q1, rational q2);*
> *rational mul (rational q1, rational q2);*
> *rational div (rational q1, rational q2);*
>
> **double** *real (rational q);*
>
> **void** *print (rational q);*

Observation

You only need to submit the required procedure; your main program will be ignored.

Problem information

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Generation: 2026-01-25T11:03:40.143Z