
Read a rational number (1)**P59652_en**

Write a procedure

```
void read_rational (int& num, int& den);
```

to read a rational number given in the form “numerator”/“denominator”, and store these two values in @num@ and @den@, respectively. Additionally, you must remove all common factors from @num@ and @den@. For instance, if the input has

66/12

the values after the call must be @num@ = 11 and @den@ = 2.

Precondition

$1 \leq @num@ \leq 10^9$ and $1 \leq @den@ \leq 10^9$

Observation

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

Problem information

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Generation: 2026-01-25T11:34:28.454Z

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