
Rational numbers (1)

P85696_en

Using the definition

```
struct Rational {  
    int num, den;  
};
```

write a function

```
Rational rational (int n, int d);
```

that returns an equivalent rational to $\frac{n}{d}$ and “normalized” according to: if the numerator is 0, the denominator is 1; otherwise, the numerator and the denominator do not have any common factor, and the denominator is positive.

Precondition

$\text{@d@} \neq 0$.

Observation

You only need to submit the required classes; your main program will be ignored. Strictly obey the type definitions of the statement.

Problem information

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