

Exercises:

1. Make the `class Fraction` as **unmodifiable** as possible to remain reusable!
2. Add an instance method and a `static` method to *Fraction*, which returns the simplified variant of the *Fraction* in question.
3. Add an instance method and a `static` method to *Fraction*, which returns the reciprocal of the *Fraction* in question.
4. Add an overloaded ctor to *Date*, which accepts an instance of the `enum Month` for the month-parameter instead of an `int`.
5. Implement an ordinary `class MonthClass`, which exactly behaves (as far as possible) as the `enum Month`.
6. What is probably the most efficient way to compare `enum` instances for equality?
7. `enums` can also be used with the `switch` statement! – Give it a try and explain how it works! What are the advantages of using `enums` in `switch` compared to other alternatives?

Remarks:

- As always.