Calculations

Age, days and months between dates, matching days, weeks and lists of years

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Calculations

```
use Derafu\Date\Support\DateCalculator;
```

What depends on the current date takes a clock as its last argument, and uses the clock of the system if it is not given one. The dates are `DateTimeInterface` objects or texts.

Method	What it gives
`DateCalculator::age($birth, $clock = null)`	The age in years.
`DateCalculator::daysBetween($from, $to = null, $clock = null)`	The complete days from a date to another one (negative if the second is before). Without `$to`, until the clock.
`DateCalculator::monthsBetween($from, $to = null, $clock = null)`	The months between the months of two dates, without looking at the days. A period written as `202511` is accepted instead of a date.
`DateCalculator::countMatchingDays($from, $to, $days, $excludeWeekend = false)`	How many days of a range are in a list of `Y-m-d` dates.
`DateCalculator::firstDayOfWeek($date = null, $clock = null)`	Monday of the week, at the start of the day.
`DateCalculator::lastDayOfWeek($date = null, $clock = null)`	Sunday of the week, at the end of the day.
`DateCalculator::years($total, $from = null, $clock = null)`	A list of years, from the most recent to the oldest.

```
DateCalculator::monthsBetween(202301, '2024-01-15');   // 12
DateCalculator::monthsBetween('2024-01-15', '2024-02-14');   // 1
DateCalculator::years(3, 2024);   // [2024, 2023, 2022]
```

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