

Representing time is a problem in computers because dates and times are difficult to figure out. We're going to make it a bit easier by just recording Days, Hours and Minutes. We're going to design a class with those three elements as integer data members. Days could be any integer (positive, negative or zero), but hours must be between 0-23 and minutes 0-59.

- Design the class with constructors that can take all three or none (initialize the values to 0/0/0 by default) but do not allow construction of an object with just one or two integers!
- Add getters and setters for all values but maintain the above restrictions. `setHours(24)` should set hours to zero and increase days by 1.
- Allow for the addition of two Time objects, keeping constraints in mind
- Allow for the subtraction of two Time objects, keeping constraints in mind
- Overload the output operator, 2 days, 3 hours and 4 minutes should print: "3:04 (2)"
- Overload the pre and post increment and decrement operators