

***Time* struct**

Create a new value type called *Time* which stores a time of a day as the numbers of minutes since midnight (e.g. 13:30 is 810; 00:50 is 50).

The type should include properties for returning number of hours and number of minutes.

- Overload (+) operator for adding two *Time* values
- Overload (-) operator for subtracting two *Time* values
- Declare an implicit conversion from *int* (minute since midnight) to *Time*
- Declare an explicit conversion from *Time* to *int* (minutes since midnight)
- Declare noon property of *Time* type in the struct which represents the noon of the day (12:00 – 720 minutes).
- Override ToString() method so that it returns *Time* in a hh:mm format.

Write test cases for validating your code.

Deadline: January 15, 2020, 23:59.