Assignment Two (Due at the end of week two)

1. Write a Boolean function between that takes two MyTime objects, t1 and t2, as arguments, and returns True if the invoking object falls between the two times. Assume t1 <= t2, and make the test closed at the lower bound and open at the upper bound, i.e. return True if t1 <= obj < t2.
2. Turn the above function into a method in the MyTime class.
3. Overload the necessary operator(s) so that instead of having to write
4. **if** t1.after(t2): ...

we can use the more convenient

**if** t1 > t2: ...

1. Rewrite increment as a method that uses our “Aha” insight.
2. Create some test cases for the increment method. Consider specifically the case where the number of seconds to add to the time is negative. Fix up increment so that it handles this case if it does not do so already. (You may assume that you will never subtract more seconds than are in the time object.)
3. Can physical time be negative, or must time always move in the forward direction? Some serious physicists think this is not such a dumb question. See what you can find on the Internet about this.