Worksheet 6

Write a class called MyTime with the following instance variables and methods:

- There should be private variables hour (int), minute (int), and second (double)
- There should be two constructors: a default no-arg constructor, and one that takes 3 parameters to use to set the instance variables
- a toString() method that returns a String for the calling method to print the MyTime object in a nice way
- an equals method that returns true if two MyTime objects have instance variables that are equal (i.e. the same hours, minutes, and seconds).
- an add method that takes another MyTime object as a parameter and returns the sum of the the times in a third MyTime object. Note that if the seconds add up to more than 60, it should be adjusted and the number of minutes should be incremented. Since there is no instance variable for day, the number of hours is allowed to be more than 24.