MIST 4600 Assignment C. Spring 2014, 10 Points.
Dr. Janine E. Aronson.   Due: Wednesday, 11:00 pm

As always, download the zipped BlueJ folder start project (lastnameFirstname-AssignmentC), extract it from the zip file and rename it with your Lastname and Firstname. Do your work in this BlueJ project. When you finish your work, save the BlueJ project, close it, zip it correctly, and submit it by uploading it to eLC AssignmentC. You may always submit a later version that will replace the previous zipped file. Be sure to put your name and how well the code works at the top of the main class.

Scenario: We want to have two different tour trains going around Stone Mountain, with different starting times and different guides giving the historical lecture. When buying a ticket, people will need to specify which train they want, and the ticket will include information about the time and the guide. Start with the LastnameFirstnameAssignmentC BlueJ Project. You will work in the TicketMachineWithSchedule class. This is basically the BetterTicketMachine, but with at least one tester class available to you that will test your code once you have finished. Do use it to verify that you do not get a compile error and to test that your code runs. I will **NOT** debug these types of compile errors.

You are to make four modifications to the starting program. Think before you begin.

1. Add four new attributes, all of them "Strings": train1Time, train1Guide, train2Time, and train2Guide. **DO NOT MODIFY THE CONSTRUCTOR.**
2. Leaving the constructor the same, add a new method with the following header:
    public void enterSchedule(String pTrain1Time, String pTrain1Guide,
        String pTrain2Time, String pTrain2Guide)
    A stub for this method is already added at the end of the TicketMachingWithSchedule class. This method should take the four parameter values and put them in the appropriate attributes. Add system comments /** * */ to each new method you write.
3. Add a new printTicket method that it requires a parameter value indicating the desired train, and prints the additional information. (You can keep the original printTicket method in the code. Java allows this.) A stub for this method is already added at the end of the TicketMachingWithSchedule class.
    For Example, printTicket(1) might produce:
    ####################
    # The BlueJ Line -- Stone Mountain Tour
    # Departure: 9:00 AM   Guide: Smith.
    # Ticket
    # 550 cents.
    ####################
    You can leave the old printTicket() method in, or delete it, either one.
4. Add a PrintFullSchedule method with no parameters that will print out the total schedule. A stub for this method is already added at the end of the TicketMachingWithSchedule class.
    For example, PrintFullSchedule() should produce something such as:

    Stone Mountain Railroad Full Schedule:

Train #	Departure Time	Guide
1	9:00 AM	Smith
2	10:30 AM	Jones

5. Test your program using both Tester classes.

Here is the correct output from AssignmentCTester01. Use AssignmentCTester02 on your own.

```
###################
# The BlueJ Line -- Stone Mountain Tour
Departure: 9:00 AM   Guide: Smith
# Ticket
# 400 cents.
###################

###################
# The BlueJ Line -- Stone Mountain Tour
Departure: 10:30 AM   Guide: Jones
# Ticket
# 400 cents.
###################

###################
# The BlueJ Line -- Stone Mountain Tour
Departure: 9:00 AM   Guide: Smith
# Ticket
# 400 cents.
###################

You must insert at least: 300 more cents.

Stone Mountain Railroad Full Schedule:

Train #      Departure Time     Guide
 1         9:00 AM          Smith
 2         10:30 AM           Jones
```