

Unit Three Assignment Three:

Write a Java project (Applet) with two classes. In the `init()` method of the driver class, an integer (1 - 12) should be entered through an Input Dialog box. Using a switch statement, this integer should be converted to the corresponding month. (1 = "January", 2 = "February", ...)

In the `init()` method you should also construct a variable to be of type `Month`. The `Month` class should have two instance fields, an integer for the month and a `String` for number of days. The `Month` class should have a parametric constructor with one argument, the number of the month. This constructor also calls a mutator method `setDays()`. This method uses a switch statement to initialize the, number of days, instance field. For February, the value of the `String` should be "28 or 29". The `Month` class also needs an accessor method called `getDays()`.

Your output should be placed in a `JTextArea` and this `JTextArea` should be attached to an applet using a `Container`. This project should be executed 3 times, all GUI's should be pasted into a Word document.

Test Data: 1) 2 2) 10 3) 11

Output for the first piece of test data should look like this...

