King Saud University
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Tutorial 9	Encapsulation and information hiding, methods passing, getters & setters

Define a class Date in a file called Date.java with three attributes: day, month and year (all of type int).
Define the following public methods for the class Date:
1) Methods (setters, getters) allowing to access to attributes.
2) A method increment() that adds one day to the current date.
3) A method decrement() that subtracts one day from the current date.
4) Write a method display() that prints the date to the screen in a suitable form.
Write a main program with a class TestDate.java where you test the class Date.
- Declare two objects d1 and d2 of the class Date.
- Set the date of d1 to 30/12/2012, and d2 to 1/1/2012
- Increment the first date object by one day.
- Decrement the second date object by one day.
- Display each of the two date objects.

(Hint: to avoid all the difficulties with date calculations assume that each month has exactly 30 days).