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○ BJP4 Exercise 4.4: daysInMonth

 Show Header**Language/Type:**  Java [if/else](#) [method basics](#) [return](#)**Author:** Brad Goring (on 2016/09/08)

Write a method named `daysInMonth` that accepts a month (an integer between 1 and 12) as a parameter and returns the number of days in that month in this year. For example, the call `daysInMonth(9)` would return 30 because September has 30 days. Assume that the code is not being run during a leap year (that February always has 28 days).

Month	1 Jan	2 Feb	3 Mar	4 Apr	5 May	6 Jun	7 Jul	8 Aug	9 Sep	10 Oct	11 Nov	12 Dec
Days	31	28	31	30	31	30	31	31	30	31	30	31

Type your solution here:


```
1 public static int daysInMonth(int month) {
2     int days = 31;
3     switch (month) {
4         case 2:
5             days = 28;
6             break;
7         case 4:
8         case 6:
9         case 9:
10        case 11:
11            days = 30;
12            break;
13    }
14    return days;
15 }
```


This is a **method problem**. Write a Java method as described. Do not write a complete program or class; just the method(s) above.


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test #1: daysInMonth(1)
return: 31
result:  pass


test #2: daysInMonth(2)
return: 28
result:  pass


test #3: daysInMonth(3)
return: 31
result:  pass


test #4: daysInMonth(4)
return: 30
result:  pass


test #5: daysInMonth(5)
return: 31
result:  pass


test #6: daysInMonth(6)
return: 30
result:  pass


test #7: daysInMonth(7)
return: 31
result:  pass

test #8: daysInMonth(8)
return: 31
result:  pass

test #9: daysInMonth(9)
return: 30
result:  pass

test #10: daysInMonth(10)
return: 31
result:  pass

test #11: daysInMonth(11)
return: 30
result:  pass

test #12: daysInMonth(12)
return: 31
result:  pass

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