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//helper method
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```
private static void test(boolean actual, String testDate){
```

```
    Date date = new Date(testDate);
```

```
    System.out.println("Test Date: " + date.toString() + ", Expected: " + actual + ", Result: " +  
date.isValid());  
}
```

Test Case #	Purpose	Input Data	Expected Output
1	Testing the lower limit of dates allowed	"12/31/1899"	Test Date: 12/31/1899, Expected: false, Result: false
2	Testing dates a decent way into the future	"12/1/2021"	Test Date: 12/1/2021, Expected: false, Result: false
3	Testing the 31st day of a month with 30 days	"4/31/2019"	Test Date: 4/31/2019, Expected: false, Result: false
4	Testing 32nd day of a month with 30 days	"1/32/2000"	Test Date: 1/32/2000, Expected: false, Result: false
5	Testing negative month input	"-7/19/2000"	Test Date: -7/19/2000, Expected: false, Result: false
6	Negative day input	"7/-19/2000"	Test Date: 7/-19/2020, Expected: false, Result: false
7	Negative year input	"7/19/-2000"	Test Date: 7/19/-2000, Expected: false, Result: false
8	Non-existent thirteenth month	"13/13/2013"	Test Date: 13/13/2013, Expected: false, Result: false
9	Date very far into the future	"12/13/2022"	Test Date: 12/13/2022, Expected: false, Result: false
10	The first valid month allowed, should be true	"1/1/1900"	Test Date: 1/1/1900, Expected: true, Result:

			true
11	Leap day in a year that is not a leap year	"2/29/2019"	Test Date: 2/29/2019, Expected: false, Result: false
12	Valid leap day	"2/29/2020"	Test Date: 2/29/2020, Expected: true, Result: true
13	Valid leap day in previous years	"2/29/1988"	Test Date: 2/29/1988, Expected: true, Result: true
14	Invalid leap day in previous years	"2/29/1986"	Test Date: 2/29/1986, Expected: false, Result: false
15	Today - last valid date input testing. Also tests generation of today's date	"[today's date]"	Test Date: [today's date], Expected: true, Result: true
16	Random valid date testing to ensure true cases work as expected	"9/9/1999"	Test Date: 9/9/1999, Expected: true, Result: true
17	Invalid year format	"9/9/99"	Test Date: 9/9/99, Expected: false, Result: false
18	Input contains extra leading 0s in the month and day, but this is still validly mm/dd/yyyy	"09/09/1999"	Test Date: 9/9/1999, Expected: true, Result: true
19	First day out of range for January	"1/32/2020"	Test Date: 1/32/2020, Expected: false, Result: false
20	First day out of range for February	"2/30/2020"	Test Date: 2/30/2020, Expected: false, Result: false
21	First day out of range for March	"3/32/2020"	Test Date: 3/32/2020, Expected: false, Result: false
22	First day out of range	"4/31/2020"	Test Date: 4/31/2020,

	for April		Expected: false, Result: false
23	First day out of range for May	"5/32/2020"	Test Date: 5/32/2020, Expected: false, Result: false
24	First day out of range for June	"6/31/2020"	Test Date: 6/31/2020, Expected: false, Result: false
25	First day out of range for July	"7/32/2020"	Test Date: 7/32/2020, Expected: false, Result: false
26	First day out of range for August	"8/32/2020"	Test Date: 8/32/2020, Expected: false, Result: false
27	First day out of range for September	"9/31/2020"	Test Date: 9/31/2020, Expected: false, Result: false
28	First day out of range for October	"10/32/2020"	Test Date: 10/32/2020, Expected: false, Result: false
29	First day out of range for November	"11/31/2020"	Test Date: 11/31/2020, Expected: false, Result: false
30	First day out of range for December	"12/32/2020"	Test Date: 12/32/2020, Expected: false, Result: false