

Java class: public class Date implements Comparable<Date> {}			
List of the Constructors: public Date(String date) {} public Date() {}			
Method Signature: public boolean isValid() {}			
Test Case #	Requirement	Test Description and Input Data	Expected result/output
1	The method shouldn't take any date before 1980	<ul style="list-style-type: none"> Create an instance of Date with a valid day and month, but the year is before 1980 (year < 1980). test data: "07/25/1969" 	false
2	The method shouldn't take any date after today's date	<ul style="list-style-type: none"> Create an instance of Date with correct Calendar values, but is after today's date. test1 data: "12/31/2021" test data2: "07/15/2050" 	false
3	The number of days in February for a leap year shall be 29	<ul style="list-style-type: none"> Create an instance of Date with a valid day and month, but the year is before 1980 (year < 1980). test data: "02/29/2020" 	true
4	The number of days in February for a non-leap year shall be 28	<ul style="list-style-type: none"> Create an instance of Date with a valid day and month, but the year is before 1980 (year < 1980). test data: "02/29/2021" 	false
5	The number of days in January, March, May, July, August, October, December must have 31 days	<ul style="list-style-type: none"> Create an instance of Date with a valid day and month, but test the 31st day for the mentioned months. test data: {"01/31/2021", "03/31/2021", "05/31/2021", 	true

		"07/31/2021","08/31/2021","10/31/2021","12/31/2021"}	
6	The number of days in April, June, September, November must have 30 days	<ul style="list-style-type: none"> • Create an instance of Date with a valid day and month, but test the 31st day of the month for April, June, September, November. • test data: {"04/31/2021","06/31/2021","09/31/2021","11/31/2021"} 	false
7	The valid range for the month is 1-12	<ul style="list-style-type: none"> • Create an instance of Date with a valid day and month, but the month is 0, or 13). • Test data: {"00/1/2021","13/1/2021"} 	false
8	Bad inputs should always return false	<ul style="list-style-type: none"> • Create an instance of Date with an invalid input. • Test data: {"13238/1123/2021123","1/10101010/2021"} 	false