Java class: public class Date implements Comparable<Date>{}			
List of the constructors: public Date(String date) {} //taking a string in the format "mm/dd/yyyy" ….			
Method signature: public boolean isValid() {}			

Test Case #	Requirement	Test description and Input Data	Expected result/output
1	The method should not accept any date with the incorrect format	• Create an instance of Date with valid fields but in the format "yyyy/mm/dd" • Test data: "2001/9/28"	false
2	Valid range for the month must be between 1-12	• Create an instance of Date with valid day and year but with an invalid month • Test data: "14/15/2003"	false
3	The method should not accept any date with a year before 1980.	• Create an instance of Date with valid day and month but with a year before 1980 • Test data: "3/20/1979"	false
4	The method should not accept any date after the current date.	• Create an instance of Date with valid fields, but after the semester is over. • Test data: "12/20/2021"	false
5	Number of days in February for a non-leap year should not exceed 28.	• Create an instance of Date with the month = 2, day > 28, and year is a non-leap year • Test data: "2/29/2018"	false
6	Number of days in February for a leap year should accept 29.	• Create an instance of Date with the month = 2, day = 29, and year is a leap year • Test data: "2/29/2004"	true
7	Number of days in February for a leap year should not exceed 29.	• Create an instance of Date with the month = 2, day > 28, and year is a leap year • Test data: "2/30/2008"	false
8	Number of days in (April, June, September, November) should accept 30	• Create an instance of Date with the month = 4, day = 30, and year is a valid year • Test data: "4/30/1999"	true
9	Number of days in (April, June, September, November) should not exceed 30	• Create an instance of Date with the month = 9, day > 30, and year is a valid year • Test data: "9/31/1984"	false

10	Number of days in (January, March, May, July, August, October, December) should accept 31	• Create an instance of Date with the month = 1, day = 31, and year is a valid year • Test data: "1/31/2019"	true
11	Number of days in (January, March, May, July, August, October, December) should not exceed 31	• Create an instance of Date with the month = 8, day > 31, and year is a valid year • Test data: "8/32/2011"	false