Test Case #	Purpose of the test case	Input Data	Expected Output
1	Test that the default constructor outputs the current date and that the date is valid based on the isValid() method in the Date class. This method determines if a date is in the correct range (cannot be a future date). • Case 1: the current date is valid, the method returns true	• Case 1: ""	• Case 1: "The date, 2/5/2021, is valid: true", Case 1 returns true
2	Test the isValid() method for checking if a date falls on a leap year. • Case 1: is not valid, the method returns false • Case 2: is valid, the method returns true	• Case 1: "2/29/2019" • Case 2: "2/29/2020"	• Case 1 returns false • Case 2 returns true
3	Tests the isValid() method for a date that is in the future (past the present date) • Case 1: is not valid, the method returns false	• Case 1: "1/1/3030"	• Case 1 returns false
4	Tests the isValid() method for a date that has an excessive amount of days specifically for "standard" months (months with only 30 days), though would work with "nonstandard" months • Case 1: is not valid, the method returns false	• Case 1: "4/31/2019"	• Case 1 returns false
5	Tests the dates that are outside the allowed range of the isValid() method, specifically the date's months must be between 1 and 12, the date's days must be between 1 and at most 31 (this range depends on the month), and the date's year must be between 1900 and present year. The date in general must also be between 1/1/1900 and present date. • Case 1: is not valid, the method returns false • Case 2: is not valid, the method returns false • Case 3: is not valid, the method returns false • Case 4: is not valid, the method returns false	• Case 1: "1/32/2019" • Case 2: "1/-1/2019" • Case 3: "12/5/1899" • Case 4: "0/5/1901"	• Case 1 returns false • Case 2 returns false • Case 3 returns false • Case 4 returns false