Project #1

- CS213

Group 95

isValid() test documentation

Test Case #	Purpose of the Test Case	Input Data (Date)	Expected Result
1	This tests the publication requirement for any books published before 1900 being invalid.	• Case 1: 1/15/1895 • Case 2: 1/1/1900 • Case 3: 1/1/1901	Case 1 returns false Case 2 returns true Case 3 returns true
2	This tests the publication requirement for any books published beyond current date being invalid. This also suggest that a book published today is valid	• Case 1: • 2/5/2020 • Case 2: 2/9/2021 • Case 3: 2/25/2021	Case 1 returns true Case 2 returns true Case 3 returns false
3	This tests whether the month given is an actual month that ranges between january to december	• Case 1: 0/14/2015 • Case 2: 5/21/2019 • Case 3: 13/20/2020	Case 1 returns false Case 2 returns true Case 3 returns false
4	This test whether the months that have 31 days in them produce accurate results with days less than 31, equal to, and greater than	• Case 1: 1/29/2020 • Case 2: 3/31/2020 • Case 3: 12/35/2020	Case 1 returns true Case 2 returns true Case 3 returns false
5	This test whether the months that have 30 days in them produce accurate results with days less than 30, equal to, and greater than	• Case 1: 4/27/2006 • Case 2: 6/30/2009 • Case 3: 9/31/2016	Case 1 returns true Case 2 returns true Case 3 returns false
6	This test determines whether the program can accurately determine a leap year and base whether the date is valid with that in consideration NL = Not LeapYear L = LeapYear	• Case 1: NL 2/25/2013 • Case 2: NL 2/28/2011 • Case 3: NL 2/29/2015 • Case 4: L 2/15/2020	Case 1 returns true Case 2 returns true Case 3 returns false Case 4 returns true

		• Case 5: L 2/29/2012 • Case 6: L 2/31/2008	Case 5 returns true Case 6 returns false