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Software Methodology  
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Project 1: Test Design Specification

Test Case #	Purpose of the test case	Input Data	Expected Output
1	Test the isValid() method and if it will print a date that is not the current year (the past). Also testing if it will print the date because the month and day are greater than the current date's month and day.	"10/12/1999"	10/12/1999
2	Test the isValid() method to see if it will state "Invalid Date!" for a date that is a year into the future.	"03/10/2022"	Invalid Date!
3	Test the isValid() method to see if it will allow a date to be printed when we are also currently in the same month.	"02/29/2020"	2/29/2020
4	Test the isValid() method to see if it will cause the testbed main to print "Invalid Date!" in the console for a date that has a day that is smaller than minimum possible day for any month.	"06/0/2000"	Invalid Date!

5	Test the isValid() method to see if it will cause the testbed main to print “Invalid Date!” in the console for a month that has a greater value than 12 (December), which should be impossible.	“31/31/2021”	Invalid Date!
6	Test the isValid() method to make sure the result is “Invalid Date!” because the year is even further than 1900, which is the oldest year a book can be published and inserted into the library.	“3/31/1800”	Invalid Date!
7	Test the isValid() method to see if the console will print the date of a book that is published in the valid year 1900.	“01/31/1900”	1/31/1900
8	Test the isValid() method to see if the day part of the format will cause the console to print “Invalid Date!” when it is beyond maximum numeric value for a month.	“02/35/2021”	Invalid Date!