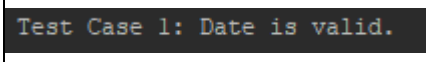
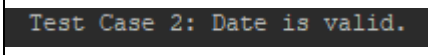
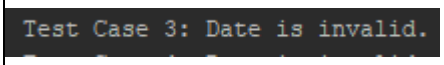
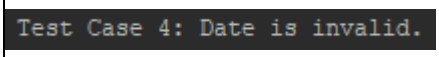
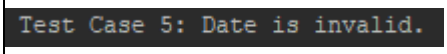
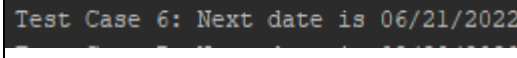
Testcases:

Test Case	Description	Input	Expected Output	Actual Result	Screenshot
1	Minimum valid date	SimpleDate(1, 1, 1842)	The date is valid.		
2	Maximum valid date	SimpleDate(12, 31, 2042)	The date is valid.		
3	Date with invalid day	SimpleDate(2, 31, 2000)	The date is invalid.	IllegalArgumentException: Invalid Date	
4	Date with invalid month	SimpleDate(13, 15, 2000)	The date is invalid.	IllegalArgumentException: Invalid Date	
5	Date with invalid year	SimpleDate(5, 15, 2043)	The date is invalid.	IllegalArgumentException: Invalid Date	
6	Next date within the same month	SimpleDate(6, 20, 2022)	The next date is SimpleDate(6, 21, 2022).	SimpleDate(6, 21, 2022)	

7	Next date at the end of a month	SimpleDate(2, 28, 2020)	The next date is SimpleDate(2, 29, 2020).	SimpleDate(2, 29, 2020)	Test Case 7: Next date is 02/29/2020
8	Next date at the end of February in a non-leap year	SimpleDate(2, 28, 2021)	The next date is SimpleDate(3, 1, 2021).	SimpleDate(3, 1, 2021)	Test Case 8: Next date is 03/01/202
9	Next date at the end of December	SimpleDate(12, 31, 2041)	The next date is SimpleDate(1, 1, 2042).	SimpleDate(1, 1, 2042)	Test Case 9: Next date is 01/01/2042

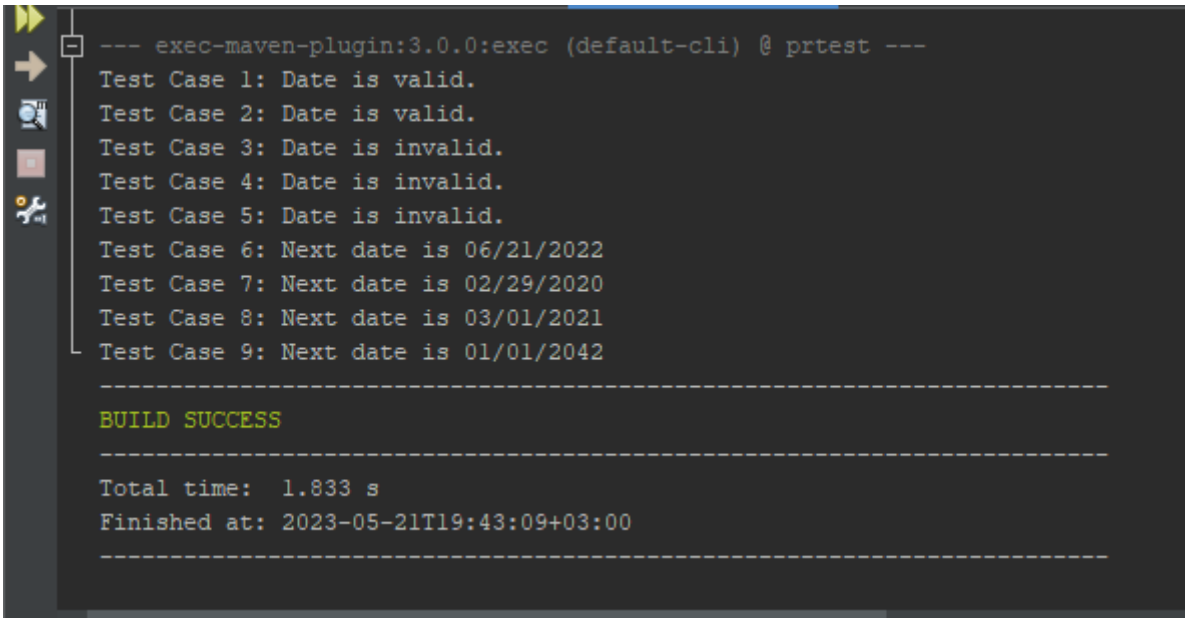


Figure 1: Combined screenshot of output