

Java Class/Method being tested: **isValid()**

Test Case #	Requirement	Test description and Input data	Expected result/output
1.	The method should accept March 29th, 2022 as a valid date.	* Create an instance of Date with the month = 3 and day = 29 and year = 2022. * test data: "3/29/2022"	true
2.	The method should accept February 29, 2020 as a valid date.	* Create an instance of Date with the month = 2 and day = 29, and year = 2020; this would fall as a leap year. * test data: "2/29/2020"	true
3.	The method should reject February 31st, 2021 as a valid date.	* Create an instance of Date with the month = 2 and day = 31 and year = 2021 * test data: "2/31/2021"	false
4.	The method should accept January 1st, 1999 as a valid date.	* Create an instance of Date with the month = 1 and day = 1 and year = 1999 * test data: "1/1/1999"	true
5.	The method should reject October 32, 2024 as a valid date.	* Create an instance of Date with the month = 10 and day = 32 and year = 2024 * test data: "10/32/2024"	false

Java Class/Method being tested: **membershipFee()**

Test Case #	Requirement	Test description and Input data	Expected result/output
1.	Assigning a family membership to Reiya Dave.	Checking if the family membership fee is a valid or	true

		invalid amount.	
2.	Assigning a premium membership to Reiya Dave.	Checking if the premium membership fee is a valid or invalid amount.	true

Java Class/Method being tested: **addMember()**, **removeMember()**, **addGuest()**, **removeGuest()**

Test Case #	Requirement	Test description and Input data	Expected result/output
1. addMember()	This method should add Ally Smith to pilates2.	Searches for and adds String "Jane Smith."	true
2. addGuest()	This method should add a guest for John Smith for the course cardio2.	Adds a guest to cardio2 for "John Smith."	true
3. removeGuest()	This method should remove a guest for Jane Kelly for the course spinning2.	Searches for and removes (if found) String "Jane Kelly."	false
4. removeMember()	This method should remove Jane Smith from pilates2.	Searches for and removes (if found) String "Jane Smith."	false