Class name: Date			
Method Signature: public boolean isValid() {}			
Test Case #	Requirement	Test Description and Data	Expected Output
1	The day should not be negative. This method should return false, when the days < 0	Create an instance of Date with a negative day, but a valid month and year. Test Date: 01/-10/2021	FALSE
2	The day should not be zero. This method should return false, when day == 0	Create an instance of Date with day = 0, and a valid month and year. Test Date: 01/0/2021	FALSE
3	The day should not be have more than 31 days for months with 31 days. This method should return false when day > 31	Create an instance of Date with day > 31, and a valid month with 31 days and valid year. Test Date: 01/32/2021	FALSE
4	The day should not be have more than 30 days for months with 30 days. This method should return false when day > 30	Create an instance of Date with day > 30, and a valid month with 30 days and valid year. Test Date: 04/31/2021	FALSE
5	The day should not be have more than 29 days for february during a leap year. This method should return false when day > 29	Create an instance of Date with day > 29, month = 2, and valid leap year. Test Date: 02/30/2024	FALSE
6	The day should not be have more than 28 days for february during a non leap year. This method should return false when day > 28	Create an instance of Date with day > 28, month = 2, and valid non leap year. Test Date: 02/29/2021	FALSE
7	The day should be between 1 and 31 for months with 31 days. This method should return ture when 1 <= day <= 31	Create an instance of Date with day <= 31 && day >= 1, and a valid month with 31 days and valid year. Test Date: 12/31/1999	TRUE
8	The day should be between 1 and 30 for months with 30 days. This method should return ture when 1 <= day <= 30	Create an instance of Date with day <= 30 && day >= 1, and a valid month with 30 days and valid year. Test Date: 11/30/1999	TRUE
9	The day should be between 1 and 29 for february during a leap year. This method should return ture when 1 <= day <= 29	Create an instance of Date with day <= 29 && day >= 1, month = 2 and valid leap year. Test Date: 2/29/2024	TRUE
10	The day should be between 1 and 29 for february during a non leap year. This method should return ture when 1 <= day <= 28	Create an instance of Date with day <= 29 && day >= 1, month = 2 and valid non leap year. Test Date: 2/28/2021	TRUE
11	The month should not be zero. This method should return false, when month == 0	Create an instance of Date with month = 0, valid day and valid year Test Date: 0/5/2020	FALSE
12	The month should not be negative. This method should return false, when month < 0	Create an instance of Date with month < 0, valid day and valid year Test Date: -10/5/2020	FALSE
13	The month should not be greater than 12. This method should return false, when month > 12	Create an instance of Date with month > 12, valid day and valid year Test Date: 13/5/2020	FALSE
14	The month should be a valid month. This method should return true, when 1 <= month <= 12	Create an instance of Date with month <= 12 && month >= 1, valid day and valid year Test Date: 5/5/2020	TRUE
Class name: AccountDatabase			
Method Signature: public boolean close(Account account) {}			
Test Case #	Requirement	Test Description and Data	Expected Output
1	This method should return false when trying to close an account from a empty database	Instantiate a new AccountDatabase. Then make a valid account. Try to close the account without opening it first. **Test Data:** *Account to close:* Savings::Dharmik Patel 1/10/2002::Balance $300.00::is loyal	FALSE
2	This method should return false when trying to close an account not open in the database	Instantiate a new AccountDatabase. Then make a valid account and open it in the database. Make another valid account. Try to close the second account. **Test Data:** *Account to open:* Savings::Dharmik Patel 1/10/2002::Balance $300.00::is loyal *Account to close:* College Checking::Mike Ross 1/11/2002::Balance $6,000.00::CAMDEN	FALSE
3	This method should return false when trying to close an account that was already closed from the database	Instantiate a new AccountDatabase. Then make 2 valid accounts and add both to the database. Close the second account. Try to close the second account again. **Test Data:** *Account1 to open:* Savings::Dharmik Patel 1/10/2002::Balance $300.00::is loyal *Account2 to open and double close:* College Checking::Mike Ross 1/11/2002::Balance $6,000.00::CAMDEN	FALSE
4	This method should return tue when trying to close an account that is open in the database	Instantiate a new AccountDatabase. Then make a valid account, and open it in the database. Close the account. **Test Data:** *Account to open and close:* Savings::Dharmik Patel 1/10/2002::Balance $300.00::is loyal	TRUE