

| Test Case # | Requirement | Test description and Input Data | Expected result/output |
|-------------|---|--|------------------------|
| 1 | Valid Date. | <ul style="list-style-type: none"> Test date: 1/1/2000 | true |
| 2 | Valid range for the month shall be 1-12. | <ul style="list-style-type: none"> Test date: -1/2/2000 Test date: 13/1/2000 | false |
| 3 | Number of days in February for a non-leap year shall be 28. | <ul style="list-style-type: none"> Create an instance of Date with the month = 2, day > 28, and the year is a non-leap year Test date: 2/29/2399 | false |
| 4 | Number of days depends on the month. | <ul style="list-style-type: none"> Create two instances of Date with the month = 1 and 9, day = 32 and 31, and any positive year. Test date: 1/32/2000 Test date: 9/31/2000 | false |
| 5 | No day < 1 and no years < 0. | <ul style="list-style-type: none"> Create two instances of Date with the month = 1, day = -3 and 1, and year = 0 and -1 Test date: 1/-3/0 Test date: 1/1/-1 | false |
| 6 | Valid leap year. | <ul style="list-style-type: none"> Create an instance of Date with the month = 2, day = 29, and year = 2020 Test date: 2/29/2020 | true |