TESTS FOR DATA

public class DataTest {  
  
 @Test  
public void ValidDateTest() {  
 Date date1 = new Date(2020, 2, 29); */// Test February leap year* assertEquals(2020, date1.getYear());  
 assertEquals(2, date1.getMonth());  
 assertEquals(29, date1.getDay());  
  
 Date date2 = new Date(2020, 1, 31); */// Test a 31 day month* assertEquals(2020, date2.getYear());  
 assertEquals(1, date2.getMonth());  
 assertEquals(31, date2.getDay());  
  
 Date date3 = new Date(2020, 2, 30); */// Test a 31 day month* assertEquals(2020, date3.getYear());  
 assertEquals(2, date3.getMonth());  
 assertEquals(30, date3.getDay());  
 }  
 @Test  
public void TestInvalidDates(){  
 assertThrows(illegalArgumentException.class, () -> {  
 new Date(2020,2,30); */// February error* });  
 assertThrows(illegalArgumentException.class, () -> {  
 new Date(2020,2,30); *// february error* });  
 assertThrows(illegalArgumentException.class, () -> {  
 new Date(2020,4, 31); */// 31rst day error* });  
 assertThrows(illegalArgumentException.class, () -> {  
 new Date(2020,6,31); */// 31rst day error* });  
 @Test  
 */// test for valid month, what follows isnt code, did not have time to code it* (2020, 15,1) give error  
  
 (2020, 0,1) give error  
 *///test foir valid year* (-1, 1, 1) invalid year  
 @test  
 *///test for next dates* Date date1 = new Date(2020, 1, 31);  
 Date nextDate1 = date1.nextDate();  
 assertEquals(2020, nextDate1.getYear());  
 assertEquals(2, nextDate1.getMonth());  
 assertEquals(1, nextDate1.getDay());  
  
 Date date2 = new Date(2020, 2, 28);  
 Date nextDate2 = date2.nextDate();  
 assertEquals(2020, nextDate2.getYear());  
 assertEquals(2, nextDate2.getMonth());  
 assertEquals(1, nextDate2.getDay());  
   
 *// keep doing more tests*