Class name: Date			
Method Signature: public boolean isValid() {}			
Test Case #	Requirement	Test Description and Date	Expected Output
1	For leap years, the number of days in February is 29. The minimum number of days is 1.	Test when: Days is more than 29. Test Date: 02/30/2024	FALSE
		Test when: Day is a negative number. Test Date: 02/-1/2024	FALSE
		Test when: Day is in valid range. Test Date: 02/29/2024	TRUE
		Test when: Day is in valid range. Test Date: 02/01/2024	TRUE
		Test when: Day is in valid range. Test Date: 02/15/2024	TRUE
		Test when: Day is 0. Test Date: 02/00/2024	FALSE
2	For non leap years, the number of days in February is 28. The minimum number of days is 1.	Test when: Day is more than 28. Test Date: 02/29/2023	FALSE
		Test when: Day is in valid range. Test Date: 02/28/2023	TRUE
		Test when: Day is in valid range. Test Date: 02/09/2023	TRUE
		Test when: Day is in valid range. Test Date: 02/01/2023	TRUE
		Test when: Day is 0. Test Date: 02/00/2023	FALSE
		Test when: Day is negative. Test Date: 02/-190/2023	FALSE
3	Checks if the month value is more than 1 and less than 12	Test when: Month is Negative. Test Date: -1/15/2023	FALSE
		Test when: Month is zero. Test Date: 0/15/2023	FALSE
		Test when: Month is in valid range. Test Date: 01/15/2024	TRUE
		Test when: Month is in valid range. Test Date: 02/15/2024	TRUE
		Test when: Month is greater than 12. Test Date: 13/15/2024	FALSE
Class name: Event			
Method Signature: public boolean equals(Object objAnother) {}			
Test Case #	Requirement	Test Description and Date	Expected Output
1	When two events are completely different, the output is False	Test 2 completely different events. Event 1: [Event Date: 09/06/2023] [Start: 2:00 PM] [End: 3:00 PM] @HLL114 (Hill Center, Busch) [Contact: Information Technology and Informatics, cs@rutgers.edu] Event 2: [Event Date: 03/06/2021] [Start: 10:30 AM] [End: 11:30 AM] @ARC103 (Allison Road Classroom, Busch) [Contact: Computer Science, hi@rutgers.edu]	FALSE
2	When 2 dates are the same, but the timeslots are different, the output should be False	Test same dates, different timeslots. Event 1: [Event Date: 09/06/2023] [Start: 2:00 PM] [End: 3:00 PM] @HLL114 (Hill Center, Busch) [Contact: Information Technology and Informatics, cs@rutgers.edu] Event 2: [Event Date: 09/06/2023] [Start: 10:30 AM] [End: 11:30 AM] @ARC103 (Allison Road Classroom, Busch) [Contact: Computer Science, hi@rutgers.edu]	FALSE
3	When 2 dates are the same, 2 timeslots are the same, but the locations are different, the output should be False	Test same dates & timeslots, different locations Event 1: [Event Date: 09/06/2023] [Start: 10:30 AM] [End: 11:30 AM] @HLL114 (Hill Center, Busch) [Contact: Information Technology and Informatics, cs@rutgers.edu] Event 2: [Event Date: 09/06/2023] [Start: 10:30 AM] [End: 11:30 AM] @ARC103 (Allison Road Classroom, Busch) [Contact: Computer Science, hi@rutgers.edu]	FALSE
4	When the dates, timeslots and locations are same, the method should return True. The contact and durations do not matter, because they are not used for comparisons (they do not indicate if two events happen at the same time).	Test same events Event 1: [Event Date: 09/06/2023] [Start: 10:30 AM] [End: 11:30 AM] @BE_AUD (Beck Hall, Livingston) [Contact: Information Technology and Informatics, cs@rutgers.edu] Event 2: [Event Date: 09/06/2023] [Start: 10:30 AM] [End: 11:30 AM] @BE_AUD (Beck Hall, Livingston) [Contact: Computer Science, hi@rutgers.edu]	TRUE