

## Lab 3

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1. Expedia. ExpediaTest
2. Booking (interface), User, Hotel, Flight, Car
3. A Flight class represents one flight distinguished by its start date, end date, and miles traveled. It can check to see if another object is equal to it.
4. BookingTest, CarTest, FlightTest, HotelTest, UserTest
5. TestThatUserInitializes, TestThatUserHasZeroFrequentFlierMilesOnInit, TestThatUserCanBookEverything, TestThatUserHasFrequentFlierMilesAfterBooking, TestThatUserCanBookAFlight, TestThatUserCanBookAHotelAndACar, TestThatUserHasCorrectNumberOfFrequentFlierMilesAfterOneFlight
6. Less, Equal, True
7. Tests that the first value is less than the second, tests that the values of both objects are equal, tests that the value of the argument evaluates to true. (respectively)
8. AreEqual tests that the values of the objects are the same, AreSame tests that the arguments are pointers to the same object.
9. Tests that the constructor creates a non null object.
10. 45 \* number of nights to rent
11. 1, 2, and 10 day rentals
12. Because that has already been tested
13. The constructor will throw an exception when given a non-positive number
14. [ExpectedException(typeof(OutOfMemoryException))]