Jake Crouch
lab 3
1) Expedia has all the source code, Expedia.test has all the test code.

2) Car, Flight, hotel, user.

3) Tracks information on flights such as miles travled and start time and end time and cost.

4) test classes are bookingtest, cartest, flighttest, hoteltest, and usertest.

5) testthatuseritializes, testthatuserhaszero frequentfliermilesonit, testthatuesrcanbookeverything,
TestThatUserCanBookAFlight, TestThatUserCanBookAHotelAndCar,
TestThatuserhasCorrectNumberOfFrequentFlyerMilesAfterOneflight.

6) Assert.AreEqual, Assert.Less, Assert.Greater

7) Checks to see if the two objects have the same value, Checks
to see if one object is less than another, checks to see if
one object is greater than another.

8) The difference is that Assert.AreEqual checks to see if the value
of the two objects is the same while Assert.AreSame checks to see if the two
objects are the same object.

9) Its testing if the object is being made or if its null.

10) To get the base price you multiply 45 by the number of days.

11) If you book a hotel for a certain amount of days - 1,2,10.

12) Because if the target was null the test case would fail anyways.

13) if(nightsToRent <= 0)
throw new ArgumentOutOfRangeException("Nights to rent must be greater than zero!");

14) [ExpectedException(typeof(ArgumentOutOfRangeException))]