

1. The project is in Expedia, the test codes are in ExpediaTest.
2. Expedia contains AssemblyInfo, Booking, Car, Flight, Hotel, and User; ExpediaTest contains BookingTest, CarTest, FlightTest, HotelTest, and UserTest.
3. The flight class has a departure date, a return date, and a distance the flight is travelling. The class has methods to change the distance, and compare the flight with other flights.
4. BookingTest, CarTest, FlightTest, HotelTest, and UserTest.
5. UserTest contains TestThatUserInitializes, TestThatUserHasZeroFrequentFlierMileInit, TestThatUserCanBookEverything, TestThatUserHasFrequentFlierMilesAfterBooking, TestThatUserCanBookAFlight, TestThatUserCanBookAHotelAndACar, TestThatAUserHasCorrectFrequentFlierMilesAfterOneFlight.
6. Assert.AreEqual, Assert.True, Assert.IsNull.
7. AreEqual checks to see if two parameters have equal value; True checks to see if the parameter is true; IsNull checks to see if the parameter is null.
8. AreEqual checks to see if the parameters have equal value, while AreSame checks to see if the objects are the same by checking the address of the object.
9. It tests that the Hotel has initialized properly by checking to see if that the hotel is not null.
10. Hotel charges \$45 per night.
11. Tests that the Hotel can correctly calculate the cost of one, two, and ten night hotel stays.
12. We already test that hotel is correctly initialized in TestThatHotelInitializes.
13. You are passing the test a negative length of stay, which is an invalid input.
14. [ExpectedException(typeof(OutOfMemoryException))]