158.326 – Tutorial
Test Driven Development
Week 9

Business Case   A business scenario:

- A car rental company rents car of four different types: Hatchback, Sedan, Convertible, and Saloon.
- The rental prices per day for these cars are: $ 50, $ 80, $ 100 and $ 120.00 respectively
- Special Discounts apply:
    - No discount if car is hired for less than 5 days
    - 10% discount if car is hired for 5 days or more, but less than 10 days
    - 15% discount if car is hired for 10 days or more but less than 20 days
    - 20% discount for cars hired for 20 days or more

Identify 10 Test Methods

1.	2.
3.	4.
5.	6.
7.	8.
9.	10.

First fail each Test Method and then pass the Test Method

Refactor the code in the Class Library

Good Programming Practices state –

Again, Refactor, Refactor & Refactor

Make updates to Class Library and Test Project accordingly.