### L4 Homework assignment

Enhance L3 assignment following below steps.

Based on L3 assignment, now we convert struct() into a trade class, and implement the similar code to compute the option pv and output the pv and trade information into a result file.

In trade class, now implement a new class Date(), overload operator “-“ to compute the year fraction between two Date object;

In trade class, implement member field of start date and end date as object of Date class, then compute the option expiry using end date – start date;

Complete the implementation of loadTradeFromFile() and writeToFile(). In load trade function, create pointer of OptionTrade class instead of object or reference.

Put result into Result struct, and write result back into a txt file.