L3 Homework assignment

Create a project of console application, compute the vanilla option present value using Black Sholes model.

Requirements:

* Contains multiple files in this project. Create a header file of black.h for declaration of function, and an implementation file Black.cpp for pricing function
* Create a main cpp for main program and include black.h in this file
* Create a function of read line from trade.txt and a function of save result into txt file in main.cpp
* Create a split function to split ling in string into vector of <string>
* In main program:
  + Load the set of pre-defined trades in a txt file and insert into vector of trade struct
  + Create a loop and compute the pv of each trade the vector;
  + Store all trade Pv in an vector, and then output the Pv into a result.txt file
  + Implement the error handling for the computation to check any possible error