Project 2: Report

# Obstacles project 2

The main obstacles that I overcame in this second project were:

* Adapting to C++: I have been programming in Java for a while, so I adopted some practices that are not valid for C++, even though Java was greatly influenced by C++. So, while I wrote this program and tested it, there were some times in which the compiler came up with tons of errors (mainly syntax error) because I combined some Java syntax with C++.
* Use the getline() and ignore.cin() correctly: I tested my program 10 times before get them right.
* Testing the program in another environment: I had, and still have, problems to be able to connect to the SEASnet remotely in order to test my program under the g++ compiler. So I had to go to the SEAS lab and use the computers there, and when I found some minor problems during the compilation, I had to fix it in my laptop and then, go back to the lab and test it again.

# Test data

The following is a list of the test data that could be used for testing the scope of the program:

* More than one spacing in the customer input (1000, 413, 382) to test if there is a maximum number of spaces allowed.
* Large number of session (e.g. 10000000000) to test if, as in project 1, the program returns an error after certain number of integer digits.
* Not integer number as number of session (e.g. 10.5) to test if with non-integer numbers the calculations can be performed without problem.
* String as number of session to test what kind of outcome is the compiler going to return.
* An integer as costumer name to test if the compiler is going to take it as an invalid input or as a string.