



BScv

## Computer science Lab #1

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「 Function, array, matrix 」

*NB : use good practice for naming and write code <sup>1</sup>!!!*

### └ Problem 1 ▸

Write in C++ a class named "Cripto". This class take a string at construction. This class has as interne variable (private) 2 another strings. Those strings will contain te result of 2 encryption methods

- Caesar cipher [https://en.wikipedia.org/wiki/Caesar\\_cipher](https://en.wikipedia.org/wiki/Caesar_cipher)
- Vigenere cipher [https://en.wikipedia.org/wiki/Vigen%C3%A8re\\_cipher](https://en.wikipedia.org/wiki/Vigen%C3%A8re_cipher)

Add also all get and set functions and the fountion to display results of encryption.

### └ Problem 2 ▸

Add methods to inverse the encryption to your "Cripto" classe.

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<sup>1</sup><https://google.github.io/styleguide/cppguide.html>