Course: COSC 230 Algorithms and Computing with C++,

Project presentation form. Fill and submit on the day of test 3 of the course

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Topic of the project:

1. Cryptography (encryption and decryption): should have a keyword and use an algorithm difficult to be hacked. It is preferable to test the program by programmer online.
   1. I will explain what cryptography is, give examples, and use a cypher to encrypt and decrypt a user inputted string.

Abstract of the project: What is the problem you have and how do you address it then Write the pseudo code here,

//pick an encryption/decryption cypher

//ask user input string

//display string

//encrypt string

//display encrypted string

//decrypt string

//display string

//explain which cypher was used

What data structure you decide to use? (Vector, arrays, strings)

Strings, maybe arrays to configure encryption and decryption. Also structs and case/switch if required.

What are the basic classes and functions you are going to design?

Class Cypher/Encrypt/Decrypt

functions for encryption/decryption/cyphers/display/input-output