

HyperGrade







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CS 002 - Assignment 5: Cipher

Collaboration Policy

We encourage collaboration on various activities such as lab and textbook exercises. However, no collaboration between students is allowed on the programming assignments.

Submission Instructions Submit on Canvas

Assignment Specifications
Decryption and encryption is a very useful activity to hide messages or data. Encryption is utilized to store passwords, store user information and in many other means when the sender does not want the message to be easily readable to anyone other than the intended reader

You must write a program that can both decrypt and encrypt a single word that is entered by the user. The initial choice of encryption and decryption is left up to the user. Additionally, the user will enter a value to be utilized when determining how to translate the character.

<u>Alphabetic Positions</u> Positions start at zero. If the letter is 'a' then its position in the alphabet is 0 and if the letter is 'c' the position is 2 and so on through 'z'.

<u>Algorithm</u>