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CS808: Computer Security Fundamentals

2.4: Lab: Caesar Cipher

Implementing the Caesar Cipher

In this exercise you are given a tool which can perform the Caesar cipher. The helps you to see how cipher alphabet substitutions help increase the property of confusion within a cipher.

Task

Using the tool available <https://www.dcode.fr/caesar-cipher> try to encrypt the following phrase with the key of 3

I shall call him squishy and he shall be mine and he shall be my squishy

This should result in the following Ciphertext:

L vkdoo fdoo klp vtxlvkb dqg kh vkdoo eh plqh dqg kh vkdoo eh pb vtxlvkb

Try placing this ciphertext in the decrypt section and ensure it decrypts as expected.

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