

POLYBIUS SQUARE CYPHER

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Version: 1.0 (Aug 2023)

Summary

This application encrypts text and decrypts ciphered text using an ADFGVX cipher and a symmetric key chosen by the user. In addition it also contains a live interactive encrypt and decrypt function.

Requirements

JAVA JRE 8 or above

Usage

To encrypt, both a key and a text (or file) are required. Using different keys on the same text or file will produce varied encrypted outputs. You will see the encrypted text once you provide the necessary key and text.

To decrypt, you'll again need a key and the encrypted text (or file). To successfully decrypt, the key used must match the one originally used to encrypt. Using different keys with the same encrypted text will yield different outcomes. Once the appropriate key and encrypted text are supplied, you'll be presented with the decrypted text. If working with files, you must specify an output file name where the decrypted content will be saved upon completion.

Special Features

Live encrypt and decrypt functions have been included.