

TUGAS KEMAMAN KOMPUTER / KRIPTOGRAFI



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Nim : 192149

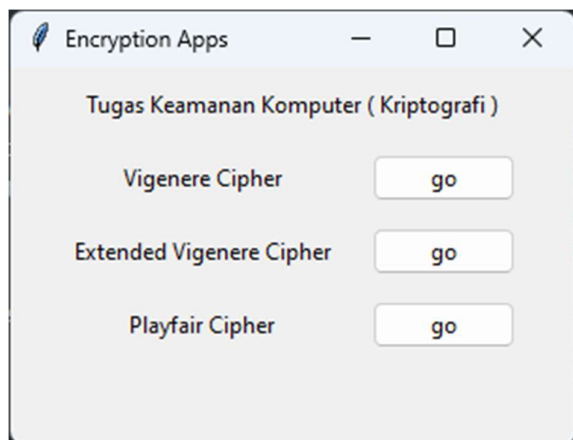
Objek Garapan : Kriptografi

No	Spesifikasi	Berhasil	Kurang Berhasil	Keterangan
1	Vigenere Cipher	√		Berhasil Encrypt dan decrypt data
2	Vigenere Cipher extended	√		Berhasil Encrypt dan decrypt data
3	Playfair Cipher	√		Berhasil Encrypt dan decrypt data
4	Enigma cipher		√	Error
5	One-Time pad		√	Error

Source Code

Github : <https://github.com/arudji1211/VigenereAndPlayfairCipher>

Tampilan antarmuka



Encryption Apps

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Playfair Cipher

Key

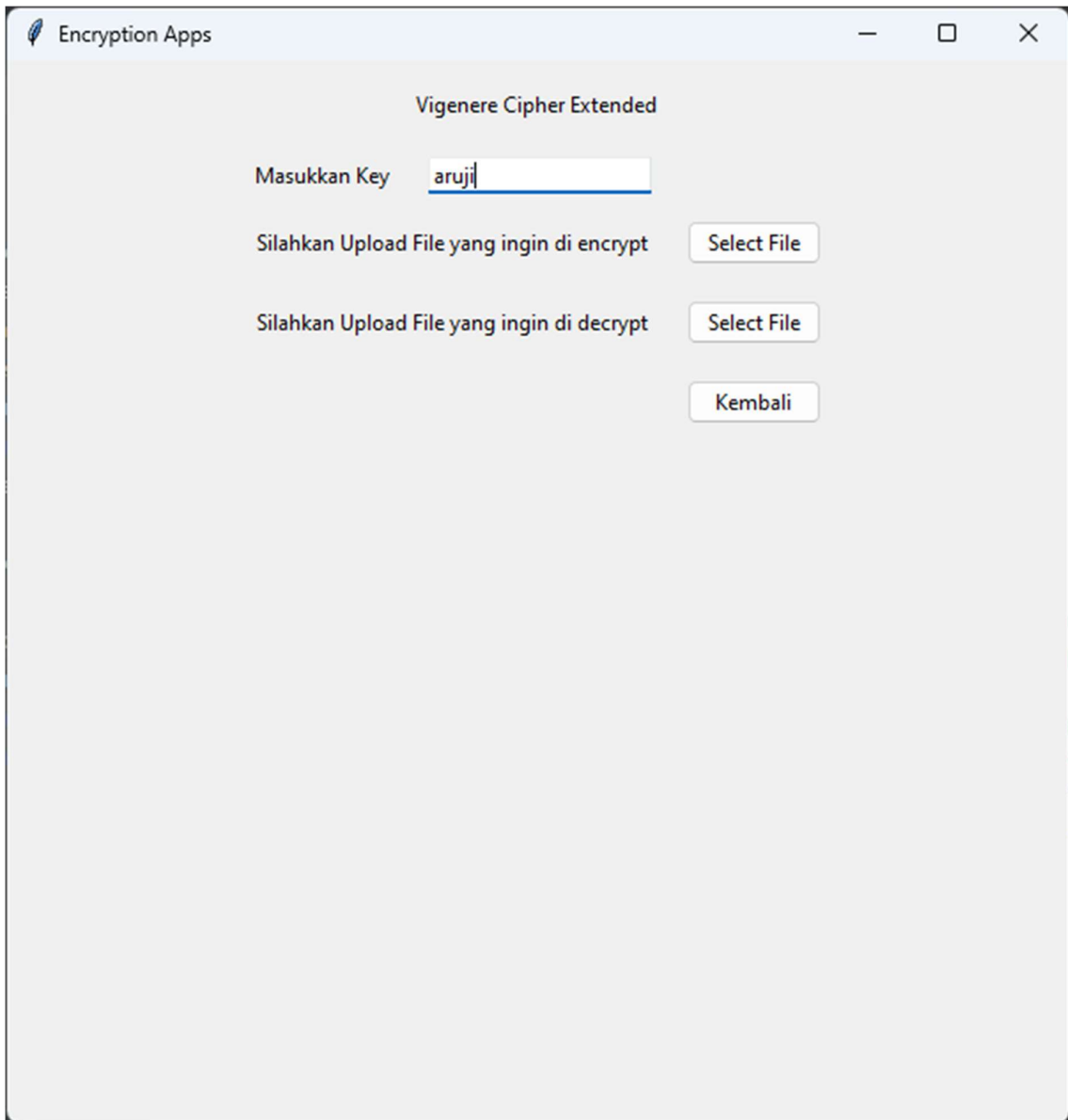
Plaintext

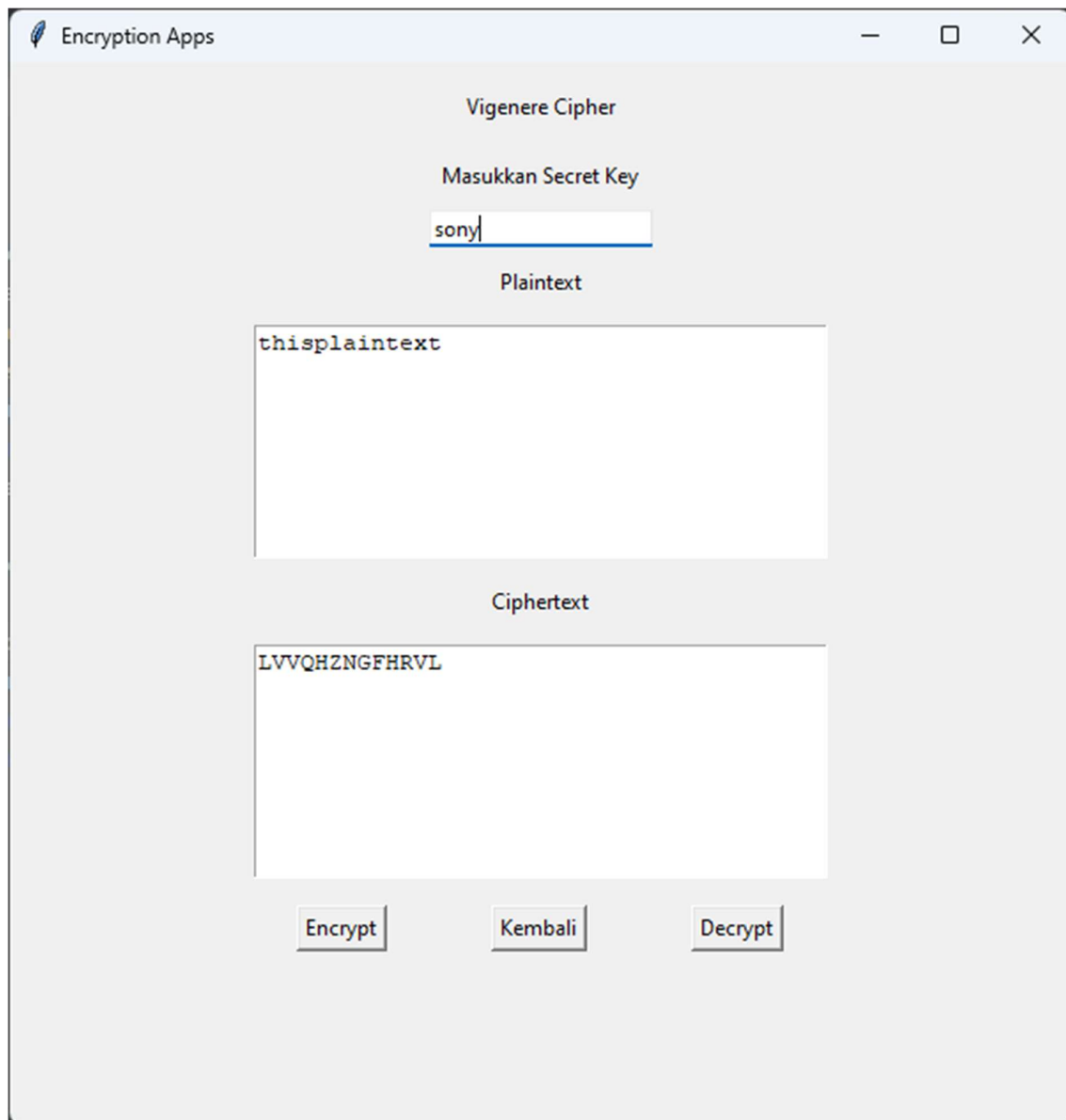
Ciphertext

Encrypt

Kembali

Decrypt





Contoh plainteks

Vignere Cipher

- Plaintext
 - Thisplaintext
- Key
 - Sony
- Ciphertext
 - LVVQHZNGFHRVL

Vigenere Extended

- Encrypted File
 - https://drive.google.com/file/d/1Q2XY3j2mvhq9RFNnZ_jnltSn_NpExRJT/view?usp=sharing
- Decrypted File
 - <https://drive.google.com/file/d/1e73wWmqNPSWH5kr6f4-N6yPTRh51aga5/view?usp=sharing>
- Key
 - aruji

Playfair Cipher

- Cipher text
 - ZB RS FY KU PG LG RK VS NL QV
- Key
 - JALAN GANESHA SEPULUH
- Plaintext
 - Temui ibu nanti malam

Source Code

<https://github.com/arudji1211/VigenereAndPlayfairCipher>