Tugas Praktikum Pertemuan 2

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- 1. Hasil Perbandingan Caesar Cipher pada Pyhton dan Cryptool
- Caesar Cipher Pyhton

```
def caesar_encrypt(text, shift):
    result = ''
    for char in text:
        if char.isalpha():
        base = ord('A') if char.isupper() else ord('a')
            result += chr((ord(char) - base + shift) % 26 + base)
        else:
        result += char
    return result
    print(caesar_encrypt('HELLO', 3))
KHOOR
```

• Caesar Cipher Cryptool



- 2. Hasil Perbandingan Vigenere Cipher pada Python dan Cryptool
- Vigenere Cipher Python

```
def vigenere_encrypt(plain, key):
    key = key.upper()
    result = ''
    for i, char in enumerate(plain.upper()):
        if char.isalpha():
            shift = ord(key[i % len(key)]) - 65
            result += chr((ord(char) - 65 + shift) % 26 + 65)
        else:
        result += char
        return result
    print(vigenere_encrypt('ATTACKATDAWN', 'LEMON'))

    LXFOPVEFRNHR
```

Vigenere Cipher Cryptool

