

Lösung: Transpositions Chiffre



Die Lösung zeigt das vollständige Programm.

```
"""Simple Block Cipher Encryption Example."""
def encrypt():
    """
    Encrypts a string using a simple transposition
    """
    blocks = [] # List to hold the blocks of text DO NOT CHANGE

    plaintext = input('Klartext: ').upper().replace(' ', '')
    blocksize = int(input('Blockgröße: '))
    padding = ' ' * blocksize
    plaintext += padding

    line_count = 0
    position = 0

    while (position + blocksize) < len(plaintext):
        blocks.append(plaintext[position:position + blocksize])
        line_count += 1
        position += blocksize

    chifftext = ''
    position = 0
    while position < blocksize:
        line_count = len(blocks) - 1
        while line_count >= 0:
            chifftext += blocks[line_count][position]
            line_count -= 1
        position += 1

    print(plaintext)
    print(chifftext)

    return blocks # DO NOT CHANGE

if __name__ == '__main__':
    encrypt()
```

From:
<https://wiki.bzz.ch/> - **BZZ - Modulwiki**

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