Cipher code

Decomposition

Encoding:

Receive wanted text

Receive number of shifted characters wanted

Convert to ASCII

Shift x characters

Revert to text

Output

Decode:

Input shifted text

Input number of shifted letters

Convert to ASCII codes

Shift backwards x characters

Revert to text

Output

PSUEDOCODE

PRINT welcome to the ceaser shifter, would you like to encode(1) or decode(2)? INPUT

IF INPUT ==1:

PRINT what would you like to say? INPUT = plaintext

PRINT how many spaces would you like to move the text? INPUT = shiftnumber

chr(plaintext)

move each letter shiftnumber letters

IF plaintext > 26:

plaintext= plaintext -26

ord(plaintext)

PRINT plaintext

ELSE:

ord(plaintext)

PRINT plaintext

ELSE:

PRINT what would you like to decode? INPUT = cipher

cipher = chr(cipher)

PRINT how many spaces has this been shifted? INPUT = shifted

move each letter -shifted places

IF cipher<1:

cipher=cipher+26

ord(cipher)

PRINT cipher

ELSE

ord(cipher)

PRINT cipher