Screenshot in my programme

```
** Viegenere Cipher ***
         [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
         [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z] [B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A] [C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B]
                                                                                                    Q,
                                                                                                           S, T, U, V, W, X,
T, U, V, W, X, Y,
U, V, W, X, Y, Z,
                                                                                             Q,
                                                                                                    S,
T,
U,
                 G, H, I, J, K, L, M, N, O, P, Q, R, H, I, J, K, L, M, N, O, P, Q, R, S,
                                       L, M, N, O, P, Q,
                                                                                      T, U, V, W, X, Y, Z, A, B, U, V, W, X, Y, Z, A, B, C, V, W, X, Y, Z, A, B, C, D,
                 K, L, M, N, O, P, Q, R, S, T,
L, M, N, O, P, Q, R, S, T, U,
M, N, O, P, Q, R, S, T, U, V,
                                                                                                           X, Y, Z, A, B, C, D, E,
Y, Z, A, B, C, D, E, F,
Z, A, B, C, D, E, F, G,
                                                                               T, U,
U, V,
                                                                                            W, X, Y, Z, A, B, C, D, X, Y, Z, A, B, C, D, E, Y, Z, A, B, C, D, E, F,
                                            R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J,
                                      R,
                 O, P, Q,
                                      U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N,
                                     W,
                                                                                                                                                           N,
         [U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, [V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, F, [X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, [Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, [Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
                                                                                                                                                     Q,
                                                                                                                                                           R,
Text: alg1or,ith m
Key: data3 456
******
Preprocessed Text: ALGORITHM
Preprocessed Key: DATA
ENCRYPTION
Plaintext: ALGORITHM
Keystream: DATADATAD
Ciphertext: DLZOUIMHP
 ******
DECRYPTION
Ciphertext: ALGORITHM
Keystream: DATADATAD
Plaintext: XLNOOIAHJ
```

```
*** Viegenere Cipher ***
     [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
     [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
     [B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A]
     [C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B]
     [D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W,
                                                                                     X, Y, Z, A, B, C]
     [E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D] [F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E] [G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F]
     [H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W,
                                                                         Y, Z, A, B, C, D, E, F,
     [I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H]
     [], K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I]
[K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J]
                                                 V, W, X, Y, Z, A, B,
         M, N, O, P,
                         Q,
                                      T, U, V, W, X, Y, Z, A,
                                                                    В, С,
                                                                                 E, F, G, H, I, J, K]
     [M, N, O, P, Q, R, S,
                                 T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L]
                         S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M]
T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N]
U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O]
     [N, O, P, Q, R,
      O, P, Q, R, S,
                                                 A, B, C, D, E, F, G,
B, C, D, E, F, G, H,
          Q,
              R,
                                 X, Y, Z, A,
                                                                                 J, K, L, M, N, O, P]
     [Q,
                         V, W,
                                 Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q]
     [R, S,
     [S,
                         X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R
         U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S]
V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T]
     T,
         W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
     [W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U,
         Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W]
     [Χ,
     [Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, [Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X,
Text: cse
Key: GTU
*****
Preprocessed Text: CSE
Preprocessed Key: GTU
*****
ENCRYPTION
Plaintext: CSE
Keystream: GTU
Ciphertext: ILY
******
DECRYPTION
Ciphertext: CSE
Keystream: GTU
Plaintext: WZK
```

```
Viegenere Cipher ***
      [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
      [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z] [B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A] [C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B] [D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C]
D
                                J, K, L, M, N, O, P, Q, R, S,
                                                                                T, U, V, W, X, Y, Z, A, B, C, D]
                      I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E]
G
            H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F]
      [G,
      [H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G]
[I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H]
[J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I]
[K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J]
н
Ι
K
                                     R, S,
                           Ρ,
                                              T, U, V, W, X, Y, Z, A,
                                                                                    B, C, D,
                                                                                                   E, F, G, H,
            Μ,
                 Ν,
            N,
                           Q,
М
                                R,
                                    S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K,
                      Q,
N
                                     T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M]
            0, P,
                           R,
                      R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N]
0
       [0,
                 Q,
                      S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O] T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P] U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q] V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R]
                 R,
            Q,
Р
       [P,
            R,
Q
       [Q,
R
       [R,
       įs,
      [Τ,
[U,
                                         A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q,
                      W,
                                    A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
                                A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
       [W,
                      Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T,
W
            Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X,
       [Χ,
                                                                                                                                W]
      ſΖ,
Text: ILY
Key: CSE
******
Preprocessed Text: ILY
Preprocessed Key: CSE
 *****
ENCRYPTION
Plaintext: ILY
Keystream: CSE
Ciphertext: KDC
*****
DECRYPTION
Ciphertext: ILY
Keystream: CSE
Plaintext: GTU
 acar@DESKTOP-IEVDRBN:/mnt/d/HW5$
```

```
Viegenere Cipher ***
     [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
     [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z] [B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A]
В
          D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y,
                                                                                                Z, A, B]
D
     [D, E, F,
                  G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C]
                  H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D]
Ε
          G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E]
             I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F]

J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G]

K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H]
G
     [G,
Н
     [Η,
     [I,
                  M, N, O, P, Q, R, S,
                                             T, U, V, W, X, Y, Z, A, B, C, D, E, F, G,
          Κ,
              M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J]
     [K,
K
     [L,
          M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K]
              O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L]
М
     [Μ,
                 Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M] R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N] S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O]
N
     [Ν,
     [0,
0
              Q,
P
          Q,
              R,
                             W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P]
Q
     [Q,
     ΓR,
R
                      V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q]
     [S,
                  V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R]
          U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S]
     [Τ,
                  X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T]
Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U]
Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V]
     [U,
          V, W,
W
     [W,
                      B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
     [X,
Х
                                                                                                       W]
                  B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V,
          A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X,
Text: GTU
Key: CSE222-DATA
*****
Preprocessed Text: GTU
Preprocessed Key: CSEDATA
*****
ENCRYPTION
Plaintext: GTU
Keystream: CSE
Ciphertext: ILY
******
DECRYPTION
Ciphertext: GTU
Keystream: CSE
Plaintext: EBQ
 acar@DESKTOP-IEVDRBN:/mnt/d/HW5$
```

```
Viegenere Cipher ***
     [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
    [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z] [B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A] [C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B]
D
        E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C]
        F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
                                                            T, U, V, W, X, Y, Z, A, B, C, D]
                                                        T, U, V, W, X, Y, Z, A, B, C, D, E]
         G, H, I, J, K, L, M, N, O, P, Q, R, S,
G
     [G,
         Н, І,
                J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F]
Н
         I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G]
                L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H]
Ι
     [Ι,
     [J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F,
     [K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J]
     [L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K]
     [M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L]
М
    [N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M]
[O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N]
[P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O]
[Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P]
N
Р
Q
R
                           X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q]
                U,
                   ٧,
                       W,
         T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R]
                    X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S]
     [T, U, V,
[U, V, W,
         U, V, W,
                X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
     [V, W, X, Y,
                    Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U]
     W,
         X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V]
     [X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W]
     Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X
     [Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y]
Text: data structures
Key: java...
******
Preprocessed Text: DATASTRUCTURES
Preprocessed Key: JAVA
*****
ENCRYPTION
Plaintext: DATASTRUCTURES
Keystream: JAVAJAVAJAVAJA
Ciphertext: MAOABTMULTPRNS
******
DECRYPTION
Ciphertext: DATASTRUCTURES
Keystream: JAVAJAVAJAVAJA
Plaintext: UAYAJTWUTTZRVS
```

```
*** Viegenere Cipher ***
    [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
    [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
    B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A
    [C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W,
D
    D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W,
                                                                         X, Y, Z, A,
                                                                                       B, C]
    [E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, [F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B,
                                                                                   В,
Е
                                                                                       C, D]
    [G,
G
        H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W,
                                                               Χ,
                                                                         Α,
                                                                             В,
                                                                                С,
                                                                                D,
Н
    [H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X,
                                                                         В, С,
    [I,
         J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E,
b
    [J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F,
    [L,
        M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I,
        N, O, P, Q, R, S,
N
    [N,
        0, P, Q, R, S,
                                   W, X, Y,
                                              Z, A, B, C, D, E, F, G, H,
                                                                                           M]
                                                                             I, J,
                      T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L,
О
                                                                                       M, N]
    [O, P, Q, R, S,
Р
    [P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L,
Q
R
    [Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P]
    [R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q]
s
    [S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, [T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N,
                                                                                           R]
                                                                             N, O,
                                                                             Ο,
U
    [U, V, W, X,
                             B, C, D, E, F, G, H, I, J, K, L, M, N, O, P,
                      Ζ, Α,
    [V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q,
    [W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R,
                                                                                           V]
    [X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
                                                                                       V, W]
    [Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, [Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V,
                                                                                           X]
Text: $$$2 3,!!!!
Key: abc
```

Given input is not proper. Please try again.

```
Viegenere Cipher ***
    [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
    [A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z]
    B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z,
    [C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X,
                                                                                     B]
    [D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
                                                                                      C]
    [E, F, G, H,
                           L, M, N, O, P, Q, R,
                                                            V, W,
                                                                  Χ,
    F, G, H, I, J, K, L, M, N, O, P, Q, R, S,
                                                  T, U, V, W, X, Y, Z, A, B, C,
G
    [G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W,
                                                                                     G]
        I, J, K, L, M, N, O, P, Q, R, S,
    [H,
    [I, J, K, L, M, N, O, P, Q, R, S, [J, K, L, M, N, O, P, Q, R, S, T,
                                                        Y, Z, A, B, C, D, E,
                               R, S, T, U, V,
    [K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, [L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I,
                    R,
                        5,
                           T, U, V, W, X, Y, Z, A, B,
U, V, W, X, Y, Z, A, B, C,
                                                        С,
                                                            D, E, F, G, H, I, J, E, F, G, H, I, J, K,
                                                                                      IJ
    [М,
           P, Q,
                 R,
              R,
o
    [O, P, Q,
                     T, U, V, W, X,
                                     Y, Z, A, B, C,
                                                                                      N
    P, Q, R, S, T, U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M,
Q
    [Q, R, S, T, U,
                        χ,
    [R, S,
                                                                                      Q]
                           Z, A, B, C, D, E, F, G,
                                                            J, K, L, M, N, O,
    [S,
        Т,
                 W,
                     Χ,
                                                     Н,
                                                        Ι,
    [T, U, V, W,
                                                     I, J, K, L, M, N, O, P, Q,
    [U, V, W, X, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R,
    5,
                                                                                      U
    [W,
    [Χ,
                                                                                      W]
                                                                               ٧,
    Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U,
    [Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V,
```

Text: algorithm Key: 2 3 4 ! , ü

Given input is not proper. Please try again.