

Ciphers

A → 0

B → 1

C → 2

D → 3

E → 4

F → 5

G → 6

H → 7

I → 8

J → 9

K → 10

L → 11

M → 12

N → 13

O → 14

P → 15

Q → 16

R → 17

S → 18

T → 19

U → 20

V → 21

W → 22

X → 23

Y → 24

Z → 25

Ciphers

Shift Cipher Caesar Cipher

Hello \rightarrow Message

key \rightarrow 3

Encryption:-

$$H(7) \xrightarrow{+3} 10(K) \rightarrow K$$

$$E(4) \xrightarrow{+3} 7(H) \rightarrow H$$

$$L(11) \xrightarrow{+3} 14(O) \rightarrow O$$

$$L(11) \xrightarrow{+3} 14(O) \rightarrow O$$

$$O(14) \xrightarrow{+3} 17(R) \rightarrow R.$$

Decryption:-

$$K(10) \xrightarrow{-3} 7 \rightarrow H$$

$$H(7) \xrightarrow{-3} 4 \rightarrow E$$

$$O(14) \xrightarrow{-3} 11 \rightarrow L$$

$$O(14) \xrightarrow{-3} 11 \rightarrow L$$

$$R(17) \xrightarrow{-3} 14 \rightarrow O.$$