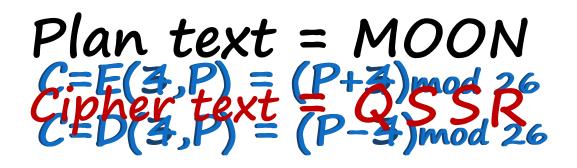# Caesar Cipher

Caesar Cipher

○ **Caesar cipher** also known as shift cipher, Caesar's code or Caesar shift, is one of the simplest encryption techniques. It is a type of **substitution** cipher. in which each letter in the plaintext is replaced by the alphabet which is 3 place next to that letter, we can use shift mode 3,4,5,6..

Plan text = MOON

$$C=E(3,P) = (P+3) \bmod 26$$

Cipher text = QSSR

$$C=D(3,P) = (P-3) \bmod 26$$

Plan Text	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
Cipher Text	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

Shift 3 letters

Thank you