

# Topic-7

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## \* Monoalphabetic Ciphers :-

→ Monoalphabetic Cipher is described as a substitution cipher in which the same fixed mappings from plain text to cipher letters across the entire text are used.

→ In which for a given key, the cipher alphabet for each plain alphabet is fixed throughout the encryption process.

→ For Example :- if 'A' is encrypted as 'D', for any number of occurrence in the plain text, 'A' will always get encrypted to 'D'.

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w
D	E	A	B	C	U	V	F	Y	Z	X	G	T	H	S	R	I	J	Q	P	K	L	
																		X	Y	Z		
																		O	N	M		

Example

Plaintext: hello

Ciphertext: VCXXM