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 Plug : IF – B (Kriptografi)

Plain teks : BELAJAR KRIPTOGRAFI UNTUK INDONESIA MERDEKA

Kunci : 4

### 1. Rail Fance

B						R						O					U			
	E				A		K				T		G				I		N	
		L		J				R		P				R		F			T	
			A						I						A					U

		N							I						E				1
	I		D					S		A				D		K			2
K				O		E				M		R					A		3
					N						E								4

Plainteks : BELAJARKRIPTOGRAFIUNTUKINDONESIAMERDEKA  
 Chiperteks : BROUNIEEAKTGINIDSADKLJRPRFTKOEMRAAIAUNE

### 2. Caesar Chiper

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S

19	20	21	22	23	24	25
T	U	V	W	X	Y	Z

Rumus :  $c_i = E(p_i) = (p_i + 3) \bmod 26$

$$B \rightarrow C = (1+3) \bmod 26$$

$$= 4 \bmod 26$$

$$= 4 \rightarrow E$$

$$R \rightarrow C = (2+3) \bmod 26$$

$$= 5 \bmod 26$$

$$= 5 \rightarrow F$$

$$O \rightarrow C = (14+3) \bmod 26$$

$$= 17 \bmod 26$$

$$= 17 \rightarrow R$$

$$U \rightarrow C = (20+3) \bmod 26$$

$$= 23 \bmod 26$$

$$= 23 \rightarrow X$$

$$N \rightarrow C = (13+3) \bmod 26$$

$$= 16 \bmod 26$$

$$= 16 \rightarrow Q$$

$$I \rightarrow C = (8+3) \bmod 26$$

$$= 11 \bmod 26$$

$$= 11 \rightarrow L$$

$$E \rightarrow C = (4+3) \bmod 26$$

$$= 7 \bmod 26$$

$$= 7 \rightarrow H$$

$$A \rightarrow C = (0+3) \bmod 26$$

$$= 3 \bmod 26$$

$$= 3 \rightarrow D$$

$$K \rightarrow C = (10+3) \bmod 26$$

$$= 13 \bmod 26$$

$$= 13 \rightarrow N$$

$$T \rightarrow C = (19+3) \bmod 26$$

$$= 22 \bmod 26$$

$$= 22 \rightarrow W$$

$$G \rightarrow C = (6+3) \bmod 26$$

$$= 9 \bmod 26$$

$$= 9 \rightarrow J$$

$$D \rightarrow C = (5+3) \bmod 26$$

$$= 8 \bmod 26$$

$$= 8 \rightarrow I$$

$$S \rightarrow C = (18+3) \bmod 26$$

$$= 21 \bmod 26$$

$$= 21 \rightarrow V$$

$$L \rightarrow C = (11+3) \bmod 26$$

$$= 14 \bmod 26$$

$$= 14 \rightarrow O$$

$$J \rightarrow C = (9+3) \bmod 26$$

$$= 12 \bmod 26$$

$$= 12 \rightarrow M$$

$$P \rightarrow C = (15+3) \bmod 26$$

$$= 18 \bmod 26$$

$$= 18 \rightarrow S$$

$$F \rightarrow C = (5+3) \bmod 26$$

$$= 8 \bmod 26$$

$$= 8 \rightarrow I$$

$$M \rightarrow C = (12+3) \bmod 26$$

$$= 15 \bmod 26$$

$$= 15 \rightarrow P$$

Chiperteks : BROUNIEEAKTGINIDSADKLJRPRFTKOEMRAAIAUNE

Di enkripsi menggunakan Caesar chipper menjadi

EFRXQLHHDNWJLQLIVDINOMFSFIWNRHPFDDLDXQH