Nama: Muh. Rahmat dhyan f Nim: £1£120084 Kelas: GENAP

## Tugas 3 kniptografi

Plaintaks	;	0011 01	1010011	0110 /	156 (c	har)	k	;	1011
Block	4	PI	P2	P3	P4		lv	;	0000
Chiper 4 bit	:	06(1	0101	0011	0110		M	;	4
Code Hexa	1	3	5	3	6		n	:	2

## 1. Electronic Code Block (ECB) Enkripsi : Ek (P) : (P @ k) << 1

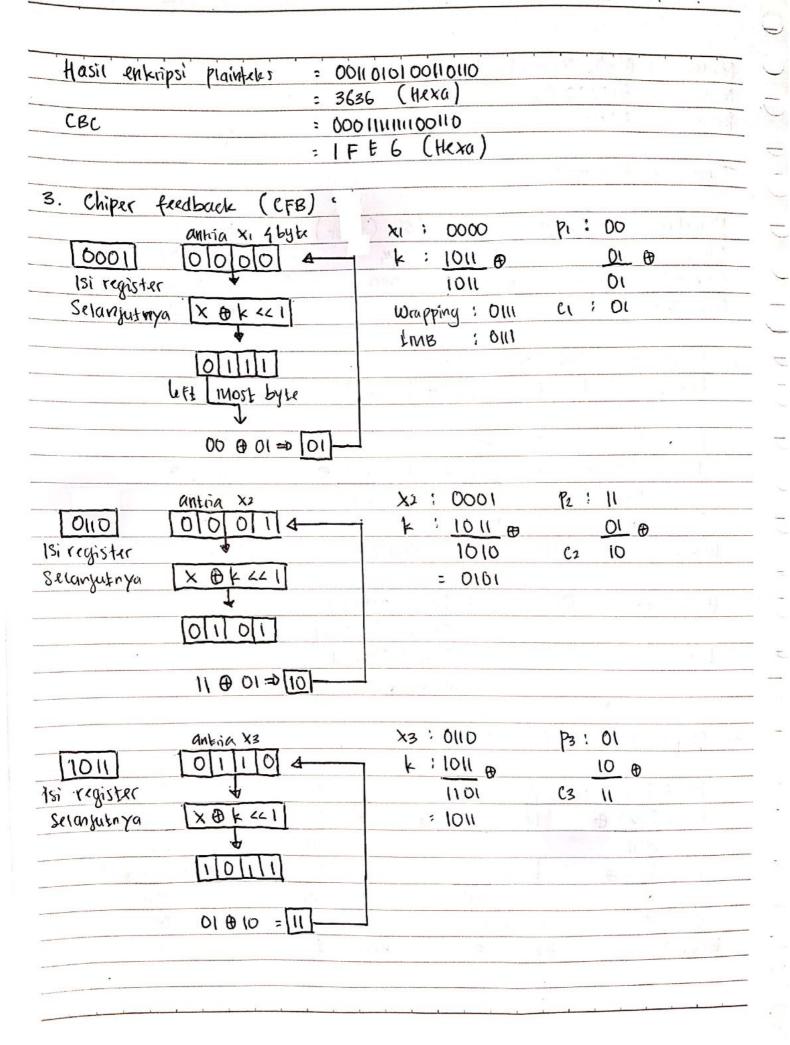
P1 : 00 11	P2: 0101	P3 : 0011	P4 : 0110
k ; 1011 ⊕	k 1 1011 ⊕	k : 1011 €	k: 1011 A
1000	lijo	1000	1101
C1:0001	C2 : 1101	C3: 10001	C4 : 1011
Hexa: 1	Hexa: D	Hexa: 1	Hexa: B

Hasil enkripsi Plainteks: 00110100110110
= 3636 (Hexa)

ECB = 0001110100011011
= 1018 (Hexa)

## 2. Chipper Block Chaining (CBC)

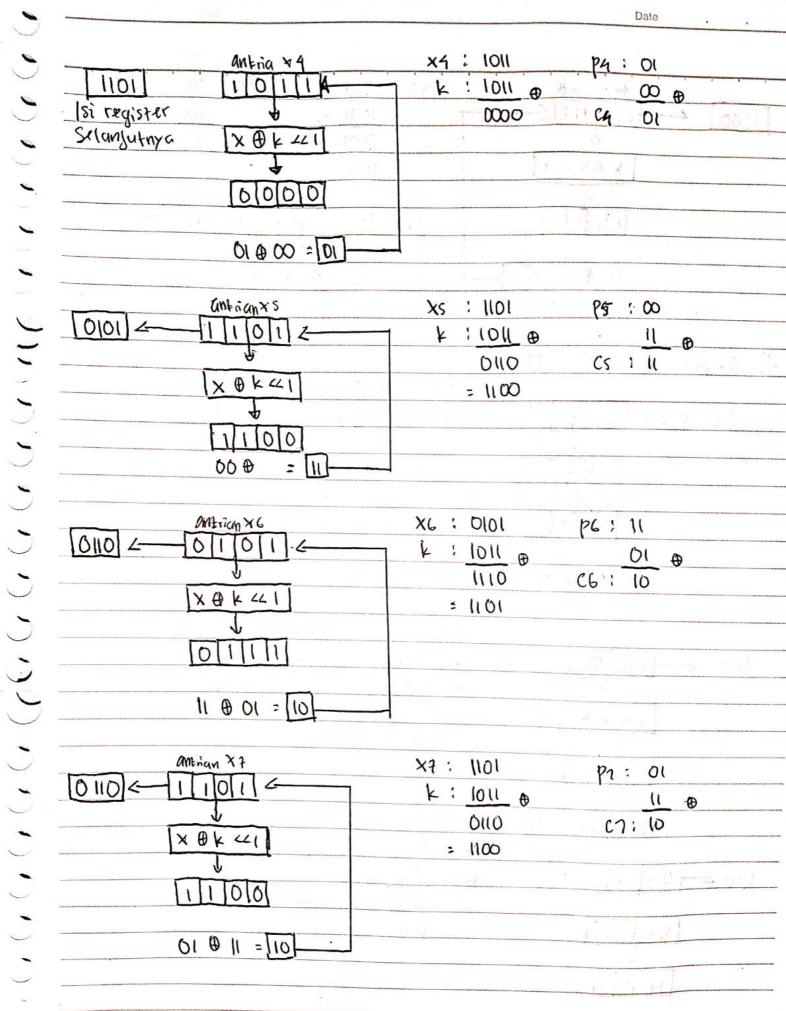
Ci Hexa	:	0001	c2 H/xa		liti	<b>C3</b>	:	1110	24	;	0110
		1000			IIII		•	0111	<u> </u>		1011 8
k	:	1011 B	k	í	1011	k	•		Į,		
		0011			0100			1100			1000
lv	'	0000 B	lv	;	0001 B	lv		1111 0	lv		1110
1,		0000	P2	•	0101	P3		: 0011	P4	:	0110

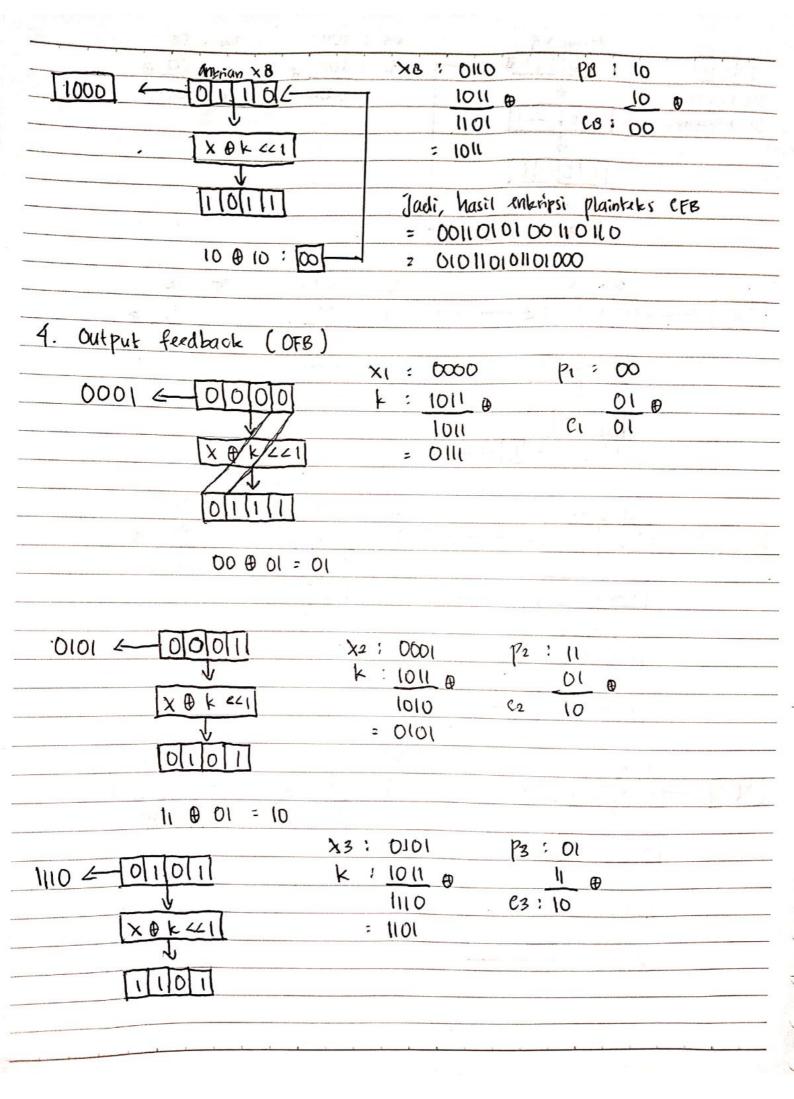


Dipindai dengan CamScanne



Date





Dipindai dengan CamScanne

1110 - 011111	A		
1110 (-1011111)	×9:011	pg : 01	
XOKCLI	1100	Cq 11	
The state of the s	= 1001	1/23 4 8 -1	
110011		W. C. C.	
		1-101116	
01 0 10 = 11			
		10 10 1 11	
1010 6-[1]1101	X5 = 1110	Ps: 00	
	k: 1011 0	<u>10</u> B	
XOKLLI	0/0/	es 10	
1.1.1.1	= 1010		
1 10/110			
60 € 10 = 10			
00 @ 10 - 10	)		
	x6 : 1010	p6 ; 11	
1000 4 1010	k : 1011 @	<u>00</u> &	
1000	0001	C6 : 11	
X O K LLI	= 0010		
0010			
11 8 00 2 11			Place operation in terms of
0001 1000	x7: 1000	P7: D1	
	k : 1011 0	01 0	
X B F CLI	COII	c7 00	
V	: 0110		
01110			
01 0 01 200	)		

		A STATE OF THE STA	Uate	
	in the part	X0: 0001	P8: 10	
0101	0001	k: 1011 0	0/ 0	
		1010	e0: 11	-
	XOKKI	= 0101		-
	J			-
	0111011			
			And and a second	
A. Carlotte and Ca	10 001 = 11			
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		A CONTRACTOR OF THE PROPERTY O		