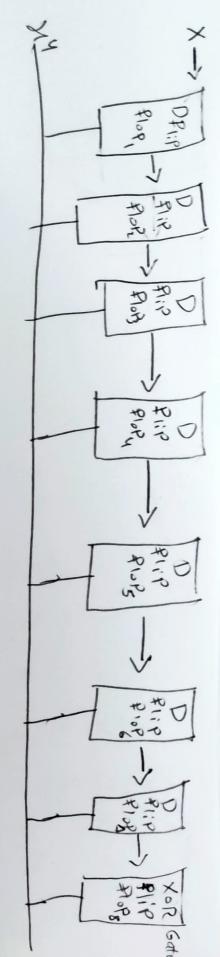
ADI-509aDI; Muhammed Rumadan No: 190290605 1) a) 15*29 mod 13=> 435mod13 => 435/13=33, Karan=6 => ceval= 6 b) -11 * 3 mod 13 =) - 11 * 3 = -33 => -33 /13 =-2, Kalan =-7 Kalan -7 alacagina 95,-11. * 3 mod 13=6 ceval=6 C) 1/5 mod 13 => =) 5 * 9 = u5(mod 17) 5 1 = 5 (mod 13) 3*10=50 (mod 13) 5 = 10 (modi3) 5 = 15 (mo di3) 54 11=55 (mod 13) 5" 4 = 20 (modis) 5#5=25 (mod 13) 5 12 = 60 (mod 13) 5 6= 30 (mod 13) => 5 * 8 = 4 0 mod 13 = 3 mod 13 5*7=35 (wo d13) 1*8 mod 13=8 548=\$0 (mod13)

ADI-50 YaDI: Muhammed Ramadan No:190290605

2) Ifyfxihzwnyd nx ymi uwthixx tk xfkilzfwinsl
inlayfy nsktwrfynts ymwtzlmtzy nyx is ynwi
9nki hdhqi yt uwtyihy ny Kwtr htwwzuyn, ymiky, tw Zsfymtwneil fhhixx

ADI-50 Yadi: Muhammed Ramordon No:190290605

3)



ADI-50 Yall: Muhammed Ramadan

ADL SoyaDI: Muhammed Ramadan No: 190290605

3)

6

	AI	BI	21	0	E \	7	C 1	11	
0	1	1	1	1	1	-	1	17	
1	1	1	1	1	1	1	1	0	
2	0		1	1	1	1		1	
3		0	1	1	1	1	1	1	
4			0	11	1	1	11	1	
5			1	0	1	1	1	1	
6		1	1	11			111	1	_
7	1	1	1	1		1	0 1	1	_
8		1	1			1	1)	0	

ADI-So Yadi: Muhammed Ramadan No:190290605 4) f-Ponkisbnu Ri-1 7 32 · DEs in ana islemleri · P- Fonkis yonu giris ler: 148 Ri-I ve round anahtarki · 4 Adimlar; 48 1 - genisletilmis E 2-Round anahtari ile XOR 3-5- box subtitution 4-Permitasyon Permutation