

	Leeby is included in the second
٧٠)	
	The Rail fence ciphes is a form of thanspossition
	cipher where it is encrypted decrypted using
	a pasticular key pdepth value.
X	The same of the second of the
	Given cipher text:
	The second of th
17	"cdefghijklmnop"
Hope	of shirts it is here to share a good of the shirt of
7	depth = And vi delivery some services
Day yo	ciphul = 14
c plain	white of position a fixed run inch of position
	: ciphel / depth = 14/4 = 3
4 Nigs	
-	to implement it my exact into force secretal
a el gal	18t 20w = 3+1 = 4 20 letters
2 1 4	2 nd 20w = 3+1 = 4 lett els
+ 1	3rd Now = 3 tetters
r M (4th, now = 3 letters
	a state of the sta
	cdef
<i>y</i>	and a his
	k. l m.
	u. o.p
3 '	So the plain text comes out as
1711	cgkndhloeimpfi jotted it
16	down diagonally.
	· · · · · · · · · · · · · · · · · · ·

3.)	kow transposition cipher is a form of
1	transposition oppur where we write letters of
	message out in sows over a specified number
	of commens and morder the commens
	according to some specified key and then
	reading of the rows.
	To decept a cipues text using now transposition 3
	en ciprus. De 1211 aug 1 Wolls 1 100 1251 1250 1250
	a wifu and without supulate and was
	9
	cipme text: cdefgnijkemnopgrst.", ney: 315264
	quadrot neecogs
	Key = 6101 sri browpax:
	cipuel = 18
	so no. of rows will be cipher / key = 15/6
	= 3
	- 1/31 × 101.N P
	3 1 5 2 16 4 80, in a group of
	2 d 3, We winte
	flcrio down the cipher gmdsjp text in against
alumn	
	the 3rd comme before key 5.
	10 11 12 12 12 12 12 12 12 12 12 12 12 12
	So, the plain text tuens out to be
	34 71 48 630
	fleriogm dsjphnetkg.
	1016 10 10 10 10 10 10 10 10 10 10 10 10 10
	to a see all the print of fire angles

The playfair ciphes is a substitution ciphes which uses a key to enceypt the plaintext. It consists of a key square which is a 5x5 grid of apphabes that acts as a key for enceypting the plaintext.

The 25 letters sho fined. In should be unique and without duplicates and also ilj contains in same block.

plaintext : heecggs

Keyword: helol

1	H	E	L	20	A.S.	ò
	B	C	D	F	9	T
	1/5	·K	M	7	P	
Ī	Q	R	S	T	U	
	٧	W	X	Y	Z	
_						

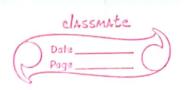
To enuypt:

the plaintext is split in pairs. 4 there are odd number of letters or if Hure are any duplicates consecutively then we add 'x' as a filler.

Hure in hee cggs pairs will be

ne, ec, gx, gs.

Mattach the now-column of the utters respectively to arrive at the enclypted text.



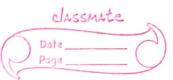
	4 they are in same now/comm, go with the
	next/below apprabets.
11.0	Do for this problem.
	(301 3 1, 1, 6
	ne -> el (same row, go with next alphabet)
	ec -> ch / came column, go with below alpha
	gx -> dz (replace by the letter in
	gs -> du the same row and in the
	column of the other letter of
	the pair)
	. 1
	ine output against mas end whom s is
5.)	S-Box
	S-Boxes are substitution boxes of 8. It has
	6 bit input & 4-bit output. The input of
	48 bits are divided into 8 6-bit subblocks.
6.3	
(1)	As given in the table, there are 4 occurences
4 0 0 v	As given in the table, there are 4 occurences
	of value 6 in given S-box:
	Hence possible inputs are
1.)	Row a, column 10
با بر	80, 49 is can be 010100
	Row 1, column 9 which is 010011
2.)	
	Signification of the process
3.)	
	101010
()	
47	Row 3, comm 14 which can be written as
de	111101.

a d	I make same same following to mills
(2.)	output of S-box is 100101
	711
	take the first and the last of input digits
	to calculate the row
SERVIT.	80. 11 -> ROW 3.
121.00	1616 12 1 08 EMMES 63 SMMS 7 30 5 38
1375	the middle four digits (exclude first and last)
	to calculate column
	THE MAN OF THE PROPERTY OF THE PARTY OF THE
	80, 0010 → Column 2.
	And the second s
	The output against rows and column 2 is
	8
had	S-Boxes are substitution boxes of & LF.
40	6:6/6:12 put \$ 14 bit output the input
6.)	41 bits are divided in a salpit subbit
	t * r, * '1
(1)	output of ptable will be during to
bp.1745	01000000 00100000 0000000 00000000
	of value 6 in this s-boxt
	and hit 11th bit
	80, against 2º position and 11th position, we
	80, against 2 nd position and 11th position, we can say that yth and the 23 nd bit will be '1', and the rest will the '0'.
	be '1", and the rest will the 'o'.
	TOTAL BUILD I GULLA COLLAR COL
(2)	input of Ptable.
	01000000 00100000 0000000 00000000 2nd bit 11th bit
	2nd is in 17th position and 11th is in 30th position.
è	80, 17th bit and 30th bit will be 1, rost will be 0.
	. 10 111

7.)	Fermat's little Theorem
	positive integer not divisible by ip' then
	positive integer not divisible by ip then
	a = 1 (mod p)
	Given problem 3503 mod 11
	50 3 2 6- 66 6- 11/2
	[(310) * 3 mod 11]
	+2 = (% = 0)
	(3 ¹⁰ + 3 ¹⁰ * 3 ¹⁰ * +3 ¹⁰) +3 ³] mod 11
	50 times
	(3"mod 11) * (3"mod 11) * * (3"mod 11) * (33 mod 11)
	Line of Nauder Sould Hib Rib mod !!
	33 mod 112, AZ = 2 LO BONDO
	27 mod 11 = 5
	THE FIRE MEDELL OF Whele in Ed it com me
	LINGS FOR FOLLOW SEASONS.
8.)	To use S-box S3 , 21036 sunt ad at 200 p col
-	prove that and sold sold all to sold to
	The 4 output bits from each s-box affects
	Six different s-boxes on the next round.
	especive products this can be a west
	Considering for 5-box s3.
	as 9,10,11,12
	Section of reviews or considerate to a
	every to highly by strader of the
	50) the the cools to section, there is a colored

5 E 30

	promont offil officery
	4-th
	9 = 24th place
	10 = 16th place
	11 12 = 30 th place
	12 = 6th place
	E-table: how de ansider
	24 → 35 → 36
	24 → 37 → 57
	16 -> 23 -> 54
	16 -> 25 -> 55
	30 → 45 → S8
/	6 -> 9 -> S2
1	
	So four input output bits of S-box 53
	affects six different S-boxes on next
	wund are 52, 54, 55, 56, 4/6, 51, 56
	27 mod 11 - 5
9) The given website is likely to be scam one
	with the below reasons.
	1.) Too good to be True deals.
	for one of the products, the price is \$ 133.24.
7.	but the discounted price displayed is \$ 39.97
	which is way too low for such good and
	expensive product. This can be a warning
	Sign.
	2) The products on the website do not have any
	customed reviews or comments for it.
	80 this weblite is likely a scam.
ا	en the contact us section, there is no address
	or any phone number provided. Also there is



	3
	something as a website name instead of contact
	something as a website name instead of contact email address or a contact number which seems
	to be a fake website.
48)	If this website is put in urlyoid reputation
	tracker it says that the domain registration is
	done 2 months ago and also the server location
	to be a fake website. If this website is put in urload reputation tracker it says that the domain registration is done 2 months ago and also the server location latitude/long: tucle det and many such details are so shown to be as unknown.
	are so showin to be as unknown.
	-