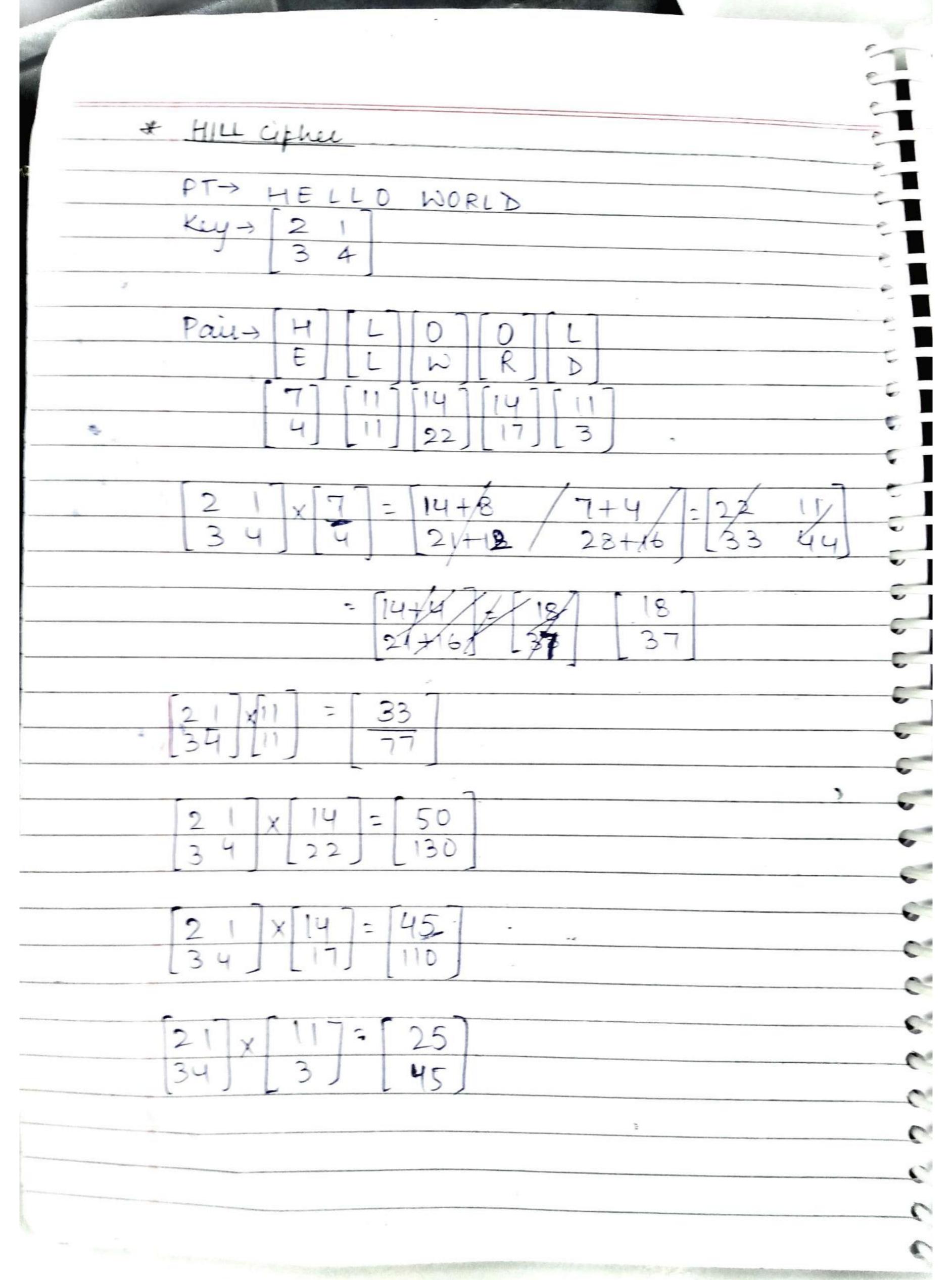
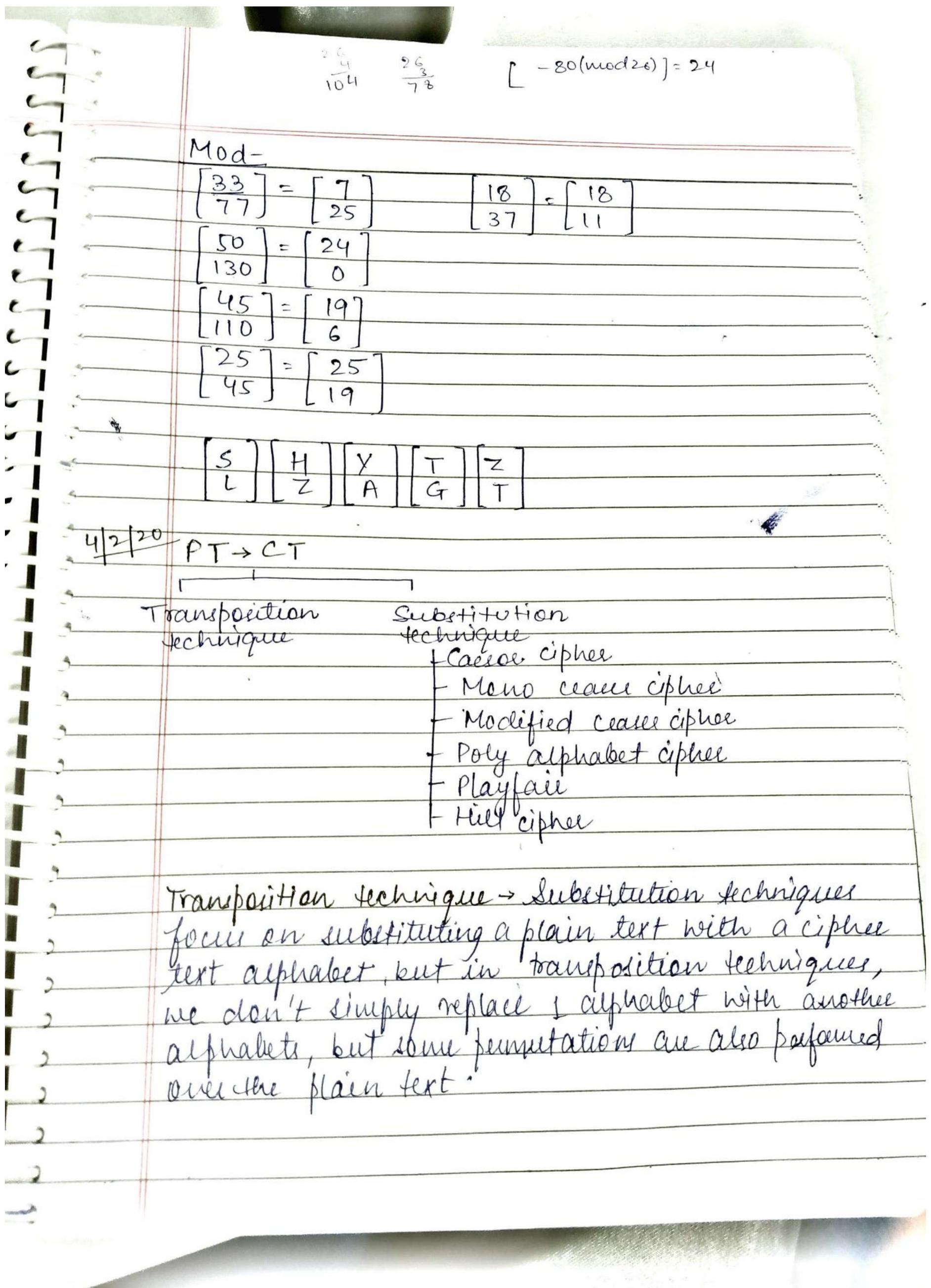
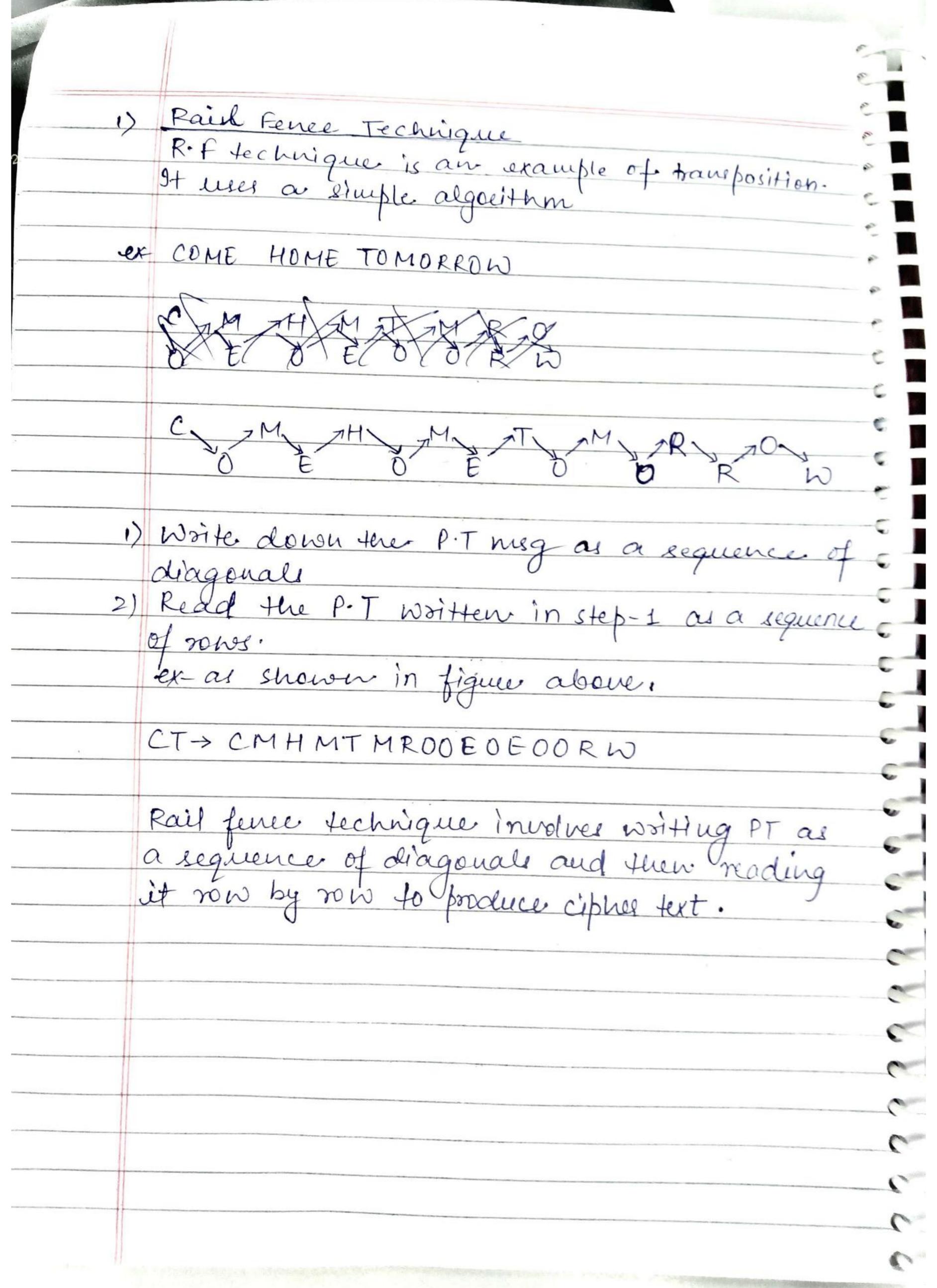
47	
2 5	Playfair Cipher Key-MONARCHY Mrg-BALLOON
	Key-MONARCHY
	Mig-BALLOON
	C H Y B D
	E F G IJ K
	(LPOST
	-U-V W X Z
	Step 1 -> Creation & population of Mateix
3	BALXLO, ON:
	SCDDSR
	SC -> Same column
	D→ Diagonal SR→Sance Pon
3	SK > Sanie Pon
Car >	$BA \rightarrow IB,JB$
	$ON \rightarrow AN$
	LX -> SV
	LO-> MP
	PLAYFAIR EXAMPLE - MP NIA R
	C/H Y! B D
	MY NAME IS ATUL. E/F GFJK
	DSR SC SC DSC 4 PQST
	MY > NC
	$NA \rightarrow RA$
	ME > to CL
	$IS \rightarrow XS$
	AT > SR UI -> EL
	UL

Ni-forger-rose in rose !- Rolate Cl	
	Cockesise C
03/02/2020 EX-1 KEY-PLAYFAIR EXAMPLE	PLAXE
PLAYF IJREXM BCDGH KNOOQS TUVWZ	A M PLE
MSg > MY, NAME IS ATUL	,
MY -> XF NA -> OL	
$ME \rightarrow IX,JX$	
IS > KM MK	
AT > PV	
UL > LR	
0x-2	
ex-2 Key-HIPPOPOTAMUS	H IJ P. O T
Mg > WHY KATTAPPA KILLED BAHUBALI	AMUSB
OMMOBALL	KLNOR
$WH \rightarrow IV,JV$	TIV W D R
KA > VC	
TX + PZ UB -> SA	
TA > HB AL > KM	
PX -> UP IX -> WP	
PA -> HU	
KI -> HL	
LX -> NW	
LE -> ND	
DB -> GM	
AH -> CA	

	Stebs-
1>	Mateix
2)	Encupt Plain text
	Encuption-
.+>	1sefoit execution
1>	If both alphabets are same, add an xapter
	first alphabet. Encupt the new pair and continue
2)	If both the alphabets appear in same row of
	matoix, replace them with appraisets to their
	immediate sight respectively.
3)	If the original pain is on the right side of the
	sow, then wrapping around to the left side of the
	son happens.
4)	If both alphabets appear in the same column of
	abotive makers them with alphabets immediately
	bolow Ham respectively. If the original pair
	on the hottom lide of the new then higging
	and in the old of the now majoris
-1	a late alphate are not in 5k of 50, repute
	100 the the alphabet in the server
	the other pair
	The order is quiet significant here. The first
	The order is quel significant the one that
	encypted alphabet of the pair is the one that
	encrypted alphabet of the pare is the one that is present on the same rope as the first plain text alphabet.
	albhabet.
	",
The second control of	
-	







2)	Simple columnais Transpositional Technique.
	ex- COME HOME SWET TOMORROW
	Key → 6 (6 columns) Order → 4,1,3,2,5,6
	C1 C2 C3 C4 C5 C6
	COMEHO
	METOMO
	R R O W
	→·.
	CTI> EOWCMRMTOOERHMOO
	Basic technique-
	Variations of basic transposition tech such as rail.
	fence dech exists which we call simple
	columnal toansporition technique.
	e de la desta de la desta de la simple
	The simple columna transposition tech. simply-
	avange the P.T as a sequence of rows of a rectangle that are read in columns randomly.
	rectangle that are read in commis natural
3>	simple columnae Transposition technique with
	multiple rounds-
	9/P > C.T I
	C1 C2 C3 C4 C5 C6
	FOWR
	MTOOER
	H M O O
	T2 > COOEMH WOODTMMERR
	-127 0000

$9/P \to CT 2$	
C1 C2 C3 C4 C5 C6	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
W O O T.M	
MERR	
CT3 > EORCWMOOROOEMTHM	
Back	
Cipher text produced by the simple columnas	
transposition tech with multiple rounds is	
much much couplax la multiple rounds is	
basic tech.	
	40
4) Vernant Cipher-	
This is also called one time pad. It works	
like poly apprabet cipher.	
E) Book cilling 10	
5) Book cipher/Running key cipher	
This also operates on the principle of vername	
06/02/20	
Rollor Machine - This rule consist of a get of	
The second will have the second of the secon	0
Dulles can flow. I-ach.	6
To off ping and 26 Mp hin I will to	e-1
heiring that connects each 9/P pin to a unique	6-1
Of pin. (Fast, Show, Very slow)	-1
The stan, very stan)	-1
* Fee Steganography -> It is a tech. that facilitates	0
of the rough that II In he walt	
moderate in a comment	0
of the secret mig. itself. Historically, the	CI
sender 11101 moderal of 10storally, the	0
sender uses method such as invisible ink,	0
	6
	- W

bunches Liny pin purchases on special characters and pencil marks on hand-written characters. People hide secret mig. within a graphic mig. Steganography is a technique that facilitates hiding a miso se cret meg. that is to be kept behind an image. 1. Convert image into digital form. So 2. Select the part of image where minute changes doesn't reffect the image very much Convert your mensage into digital form. Put it into the selected part of image and send the image to sender. Internet standards & Internet society -IAB > Internet auchitecture board IESG > Internet enggineering street steering Group ITU > International Telecommunication Union I EOTF > Internet engg. Task Face RFC -> Request for comments OSI > Open system Interconnection IAB> 9+ is responsible for defining the overall architecture of internet, providing guidance & broad directions to the IETF. IFIF > The protocol engg. and development aim IESG > Responsible for technical management of IETF, internet and the internet standard process.

* Algorithm types and modes -1) Stream ciphes In stream cipher, the PT is encupted one bit at a time. Pay 100 Binary + CT Block cipher In this, rather than encupting one bit at a time, a block of bit is encupted at one go. The Block cipher technique involves encryption of one block of text at a time. Declyption also takes one block of unauppted text at a time. Pay 100 Block LAND Fiestel Stoucture-Confusion > It is a technique of ensuing that a CI gives no clue about the original plain text. Confusion is achieved by suff substitution fechniques. Stream cipher relies on a concept of confusion. Diffusion is a technique which incuase the redundancy of the PT by spreading it across rows and columns. Diffusion is achieved by using toansposition/permutation techniques! Block Cithres uses confession and differin

