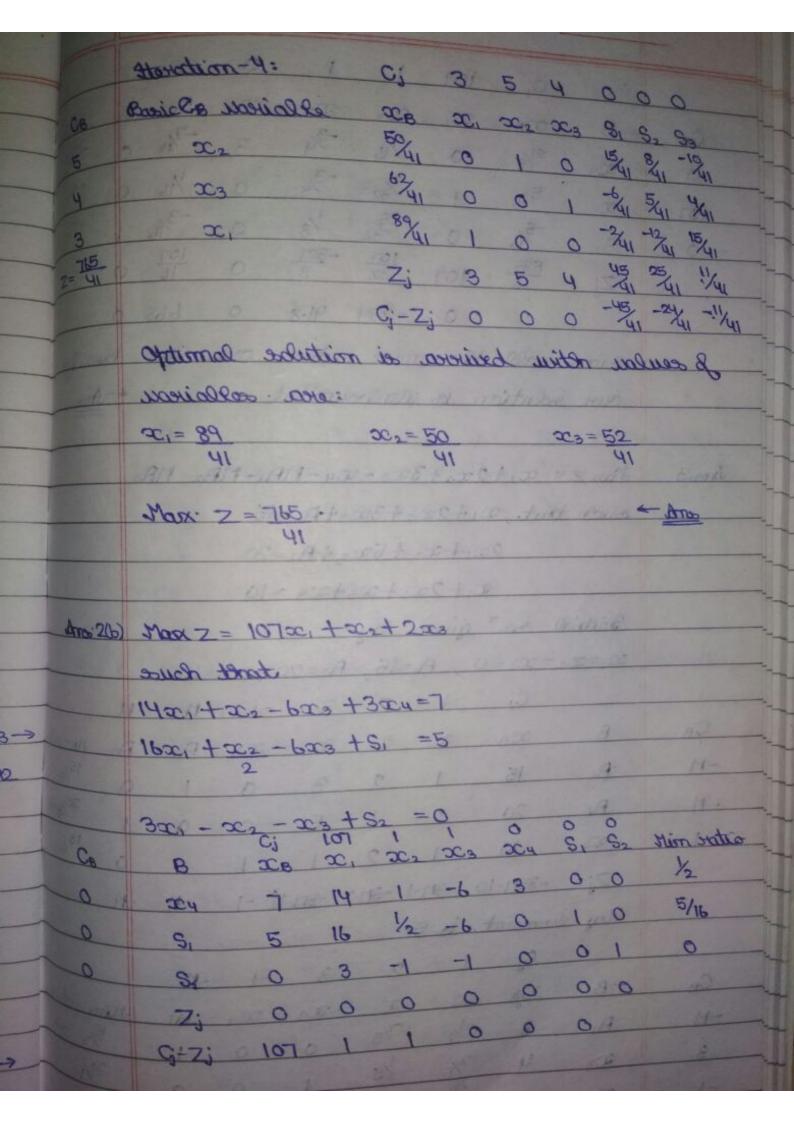
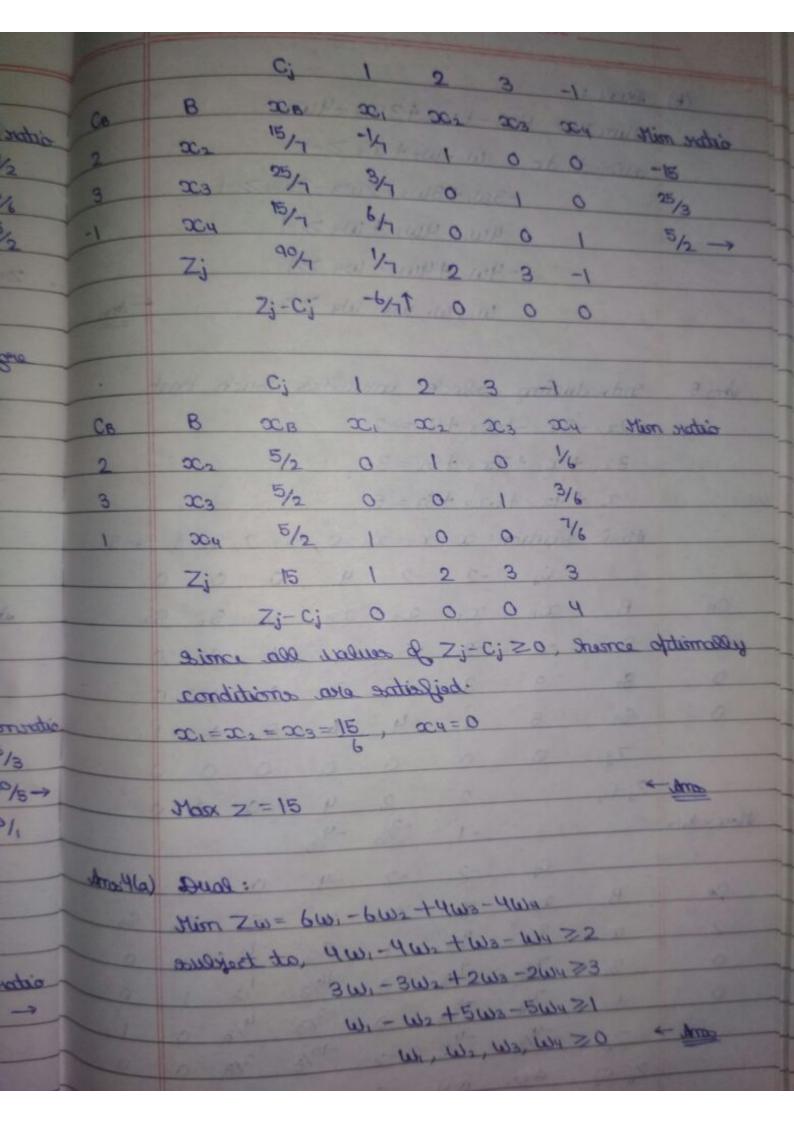
	05614803119
	I-4 DATE:
	PAGE
	Applicament.
	Assignment-1
	11-14 0
Arod	21+202+02=9
	200, +00, +500=5
	m=2 $n=3$
	r 17r 7 r 7
_	$\begin{bmatrix} 1 & 2 & 1 \end{bmatrix} \begin{bmatrix} \infty_1 \\ \infty_2 \end{bmatrix} = \begin{bmatrix} 4 \\ 5 \end{bmatrix}$
100	[2 1 5][x3] [5]
	, B
	A CONTRACTOR OF THE PARTY OF TH
	- "pe primally many barriath ever midulate sicola
0	1 2 x, 9 - 0 x3=0
(2)	
100	
(3)	(1 1)[x1]=[4] - 3 x=0
	(205) \\ \pi_3 = \[\beta \]
->	Dom son O
1	$\infty_1 + 2\infty_2 = 4 \times 2$
	$2x_1 + x_2 = 5$
	$x_2=1$, $x_2=2$ when $x_3=0$ $+ \frac{\lambda}{2}$
->	Fram of D
	$2\alpha_1 + \alpha_3 = 4$
	20, +5x3=5 X2
	$x_3 = 2, x_2 = 5 \text{when } x_1 = 0 \text{when } x_2 = 0$
	3 3
~	Brown og" 3
-	$\infty, +\infty_3 = 4 \times 2$
	$2x_1 + 5x_3 = 5$ $2x_1 + 5x_3 = 5$ $2x_1 + 5x_3 = 5$ $x_2 = 5$ $x_3 = -1$ $x_4 = 5$ $x_4 = 5$ $x_4 = 5$ $x_5 = 6$

100000000000000000000000000000000000000		Contract Contract
Ams: 2(g)	Max z = 3x1+5x2+4x3+05,+05,+05,	/
	took Asuce	CB
1	2001+3002+51=8	5
	$2x_2 + 5x_3 + 5z = 10$	4
	$3\infty, + 2\infty, +4\infty, +53 = 15$	3
	and x, x2, x3, 81, 52, 83 >0	Z= 1
	Alexation-1: Cj 3 5 4 000	
Св	Casic ussiable x_{B} x_{1} x_{2} x_{3} S_{1} S_{2} S_{3}	- 0
. 0	8, 8 2 3 0 1 0 0 3	
	S 10 - 0' 2 - 5 0 · 1 0 ½	
0	15	
0	S ₃ 15 3 2 4 0 0 1 2	
Z=0	Cj-Zj 3 51 4 0 0 0	
	Key element is 3. 1.7	
	Abovation-2: Cj 3 5 4 0000	Arro
Ce	Chaic sposiable xx x, x2 x3 S, S, S, S3	
5	De 3/3 2/3 1 0 1/3 0 0	-
0	52 14/3 -4/3 0 5 -3/3 1 0 0.93-	STATE OF THE PARTY
01	S3 29/3 5/3 0 4 -2/3 0 1 2.40	3/67
	Z=43 Z; 1/3 5 0 5/3 0 0	8/06
	Cj-Zj -1/3 0 41 -5/3 0 0	Ce
	. Zai Inamale just trass	0
and .	Stevation - 3: C; 3 5 4 0 00	0
CB	Boosic souicalle CB CB CB, CB CB SB SB	0
5	x2 8/3 2/3 1 0 1/3 0 0 4	4
4	23 14/5 -4/5 0 1 % 1/5 1/5 0	1
0	S3 8 1/5 0 0 -3/5 -1/5 1 2:17=	No
ni	Z=256 / Z; 3% 5 4 % 50	1000
	16t 0 0 -16 - 40	-
	MY MOTE BOOK New 9894 Warmornt is 41.	2000



No. of London		
1	C; 107 1 1 00000	/
Ce	B xx	CB
10	OCY 21/8 0 9/16 -3/4 3 1/48 0 -7/2	2
107	oc, 5/16 1 1/32 -3/8 0 1/16 0 -5/6	3
10	S2 -5/16 0 -35/32 1/8 0 -3/16 1 -15/3	-1
100	Z; 535 107 32 8 0 107 0	
RIF PRI	0 -234 41.8 0 668 0	- At-
Se san	exploredt, et eta vitare mim och ela errice	
	antion de instruction ou mitubre nuo	,
	02 - 102 PS - P	Св
Amo 3	Max Z = x, +2x, +3x, -x, -MA, -MA, -MA, -MA	2
with-	such that, x, +2x, +3x, +A, =15	3
	$2x_1 + x_2 + 5x_3 + A_2 = 20$	1
	$x_1 + 2x_2 + x_3 + x_4 = 10$	
	India sa" given by-	
Ball !	$\infty_1 = \infty_2 = \infty_3 = 0$, $A_1 = 15$, $A_2 = 20$, $\infty_4 = 10$	
	C; 1 2 3 -1 -M -M	
CB	B xx x, x, x3 x4 A, A, turnstill	
-M	A 15 1 2 3 0 1 0 15/3	
-M	A2 20 2 1 5 0 0 1 20/5->	
1-1-1	x4 10 1 2 1 1 0 0 10/1	
×.	Z; -35M-10 -3M-1 -3M-2 -8M-11 -1 -M -M	Ansille
2/10	Hey element is 5	13
10	C; 1 2 3 -1 -M	_
CB	B XB X, X2 X3 X4 A1 Min statio	-
-M	A, 3 -1/2 , 7/5 0 0 1 5/4 -	
3	203 4 3/5 1/5 1 0 0 20/1	-
-\	3/5 9/5 0 1 0 8%9	-
	Zi -3M+6 \$M+3 3M-67 3 -1 -M	
	Key element is 7	



(b) Qual: Min Zw= 5w,-5w2+3w3-4w4 1-5 ent swi-we to together -3W1+3W2-2W3-2W47-1 1 4w, - 4w2 + wy >-1 -4w, +4w2-w4 >1 4 Ams W, W2, W3, W4 >0 Ams:5 Interducing shock unialles such that $-2x_1-3x_2-5x_3+5_1=-2$ $3x_1 + x_2 + 7x_3 + 5_2 = 3$ x, +4x, +6x3 +53 = 5 Basic solution: x1=x2=x3=0, S=-2, S2=3, S3=5 Cj -2 -2 4 0 0 0 CB 1 008 00, 002 003 S, S2 S3 B 91 -2 -2 -3 -5 1 0 0 O med It S2 3 3 1 7 0 1 0 0 53 5 1 4 6 0 0 1 0 7; 0 0 0 0 0 0 0 Zj-Cj 2 2 4 0 0 0 -4/5 -2/3 Sitarexall -1 -2 -2 -4 0 0 0 Ci TB TO TO TO TO S S, S2 S3 CB B 2/3 1 5/3 -1/3 0 0 2/3 7/3 7/3 0 19/3 -2 302 16/3 1/3 0 Sa 0 7/3 4/3 -5/3 0 S3. 0 0 1 -10/3 -4/3 -4/3 -2 2/3 0 Zi 0 Zj-Cj att 0.66 0 0.66 2/3 0

