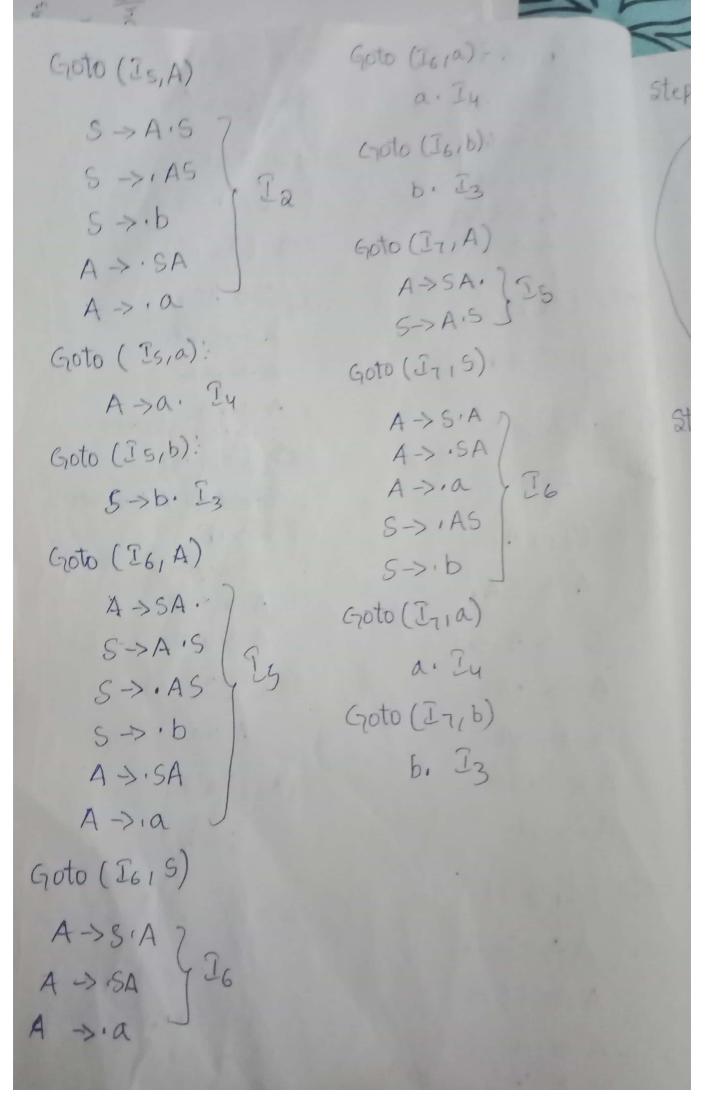
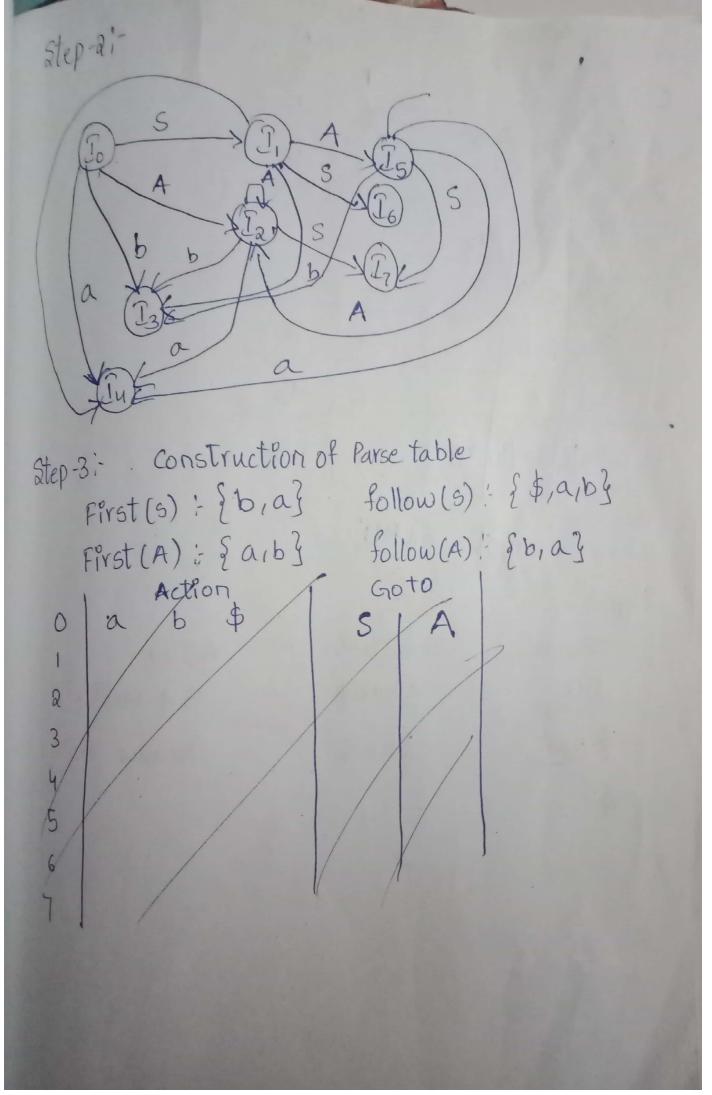
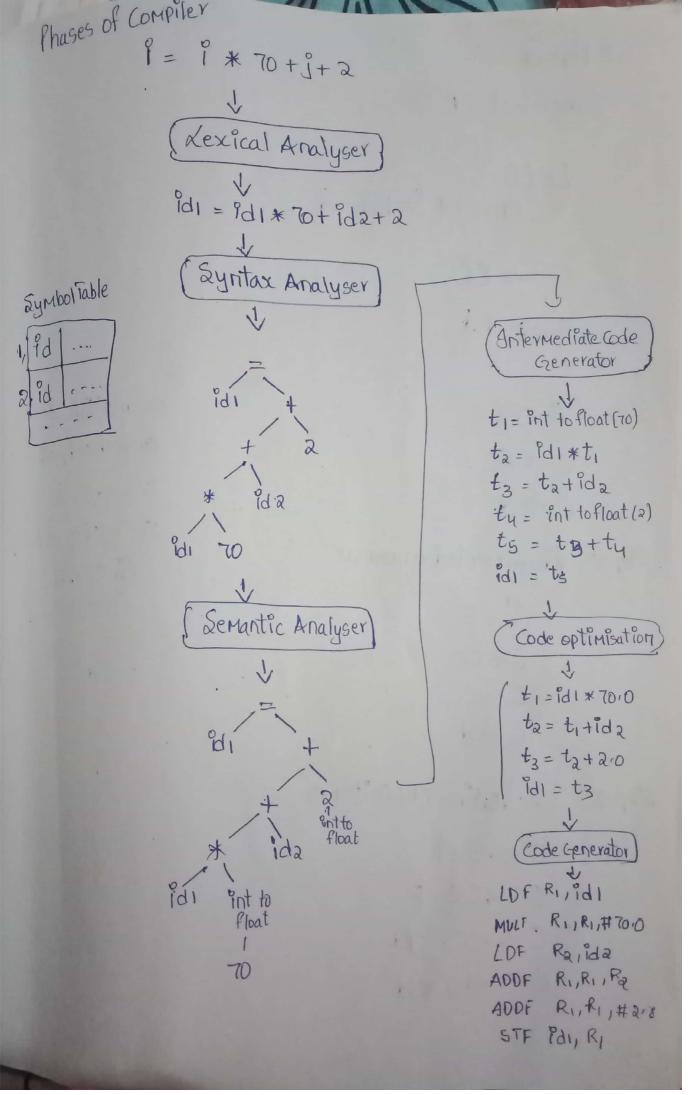
	Goto (I, , a)
Goto (To , A)	Sx A>a.334
5-> A'	
5>10	Goto (I,1b)
5-> AS	5 > b. 3 23
A->·SA	Goto (I218)
A -> · a	If S-> AS.
120 Lb)	A -> S. A
Goto (To 15)	$A \rightarrow SA$
S → b*	A -> 1 a s-> "AS s-> 1 b
	Cata (ia, A)
Goto (Io,a)	5-2 AS A/3.S->A.S.
Pu A->a:	TAS-> D
Goto (?1, A):	5-> · AS (5)
GOW COLL	A -> *SA
$A \rightarrow SA$	A-> , a
S -> A·S	Goto (32, a)
\$ -> 'AS	A->a-324
5 -> · b	Goto (Ja, b)
A -> ·· SA	5-> 6.3]3
4->,0	the state of the s
90to (2, , s.)	Goto (25,5)
26 A -> S.A	5->AS. 7
$A \rightarrow SA$	A-> S.A Y -7
A	A -> . SA) A > . a
S-> 'AS S->'b	

Scanned by CamScanner





action Croto	
a 1 b 1 7 1 5 A	
O Sy S3 1 2	
>1 Sy S ₃ Accepted 6 5	
2 S4 S3 7 2.	
3 Ha ha	7.00
4 544 544	
5 Sulha Salha 7 2	
3	
6 Sul S3 6 5	
7 54/9/53/9/9/	
not SLR(1)	753
Step-4:	100
Stack Input buffer Action	
\$0 ábab\$ SY (&nift	-4)
\$ 0 ay bab\$ reduce 1-	1->a
\$.	



CLR Payser Canonical LR Parser LR(1)= LR(0) + lookahead S -> CC G > dd calculation of 5-> CC Kookahead part C > cC 8'->.5,\$ C->d 5-> ·S(E)\$ Stept: Augumented grammar first (E.\$) 5'->5 first(\$) S->CC · C,d E>CC C>d Step-2: Calculating LR(1) items To 5'>.5,\$ S ->.CC, \$ C > .cc, c/d C -> .d, cld

goto (To, 5)!	goto (Izid)
7: 5'-> 5.,\$	If C>d.1\$
	goto (I3/C)
goto (Io, C)!	Is C->cC., cld
Ià S-> C.C.\$	goto (I3,c)
· C -> · C C , etd \$	C-> c.Cicld?
C >.d, EVA \$	c->·cc·cld I3
goto (Io, c).	c> d, cld
Bc>c.C. cld.	goto (I31d)
C > · cC, cld	· C-> *d., cld 3 Iy
c-> · d , cld	goto (IG, C)
goto (Io,d):	Iq C> cC.1\$
Iy C-> d., ctd	goto (I6,C)
goto (Ia, C)	
Is 5->CC.,\$	$C \rightarrow C \cdot C \cdot \$$ T_6
goto (Iz,c)	C->·d,\$
G C→C.C.1\$	goto (I61d)
C -> · c C , \$	C-> d., \$ 3 Iz
C->·d,\$	

Construction	of CLR Parce table	a till top
c Ac	1 60	Contract of the state of the st
0 53 54	1 S C	
0 3 34	Deccepted 1 3	
2 56 57		
		10000000000
, , ,		
4 h3 h3		5-25.0
5	MI	S-CC.
6 S6 S7	9	C>cC. 2
8 /2 /2	73	C-> d . 3
9		
7	12	THE RESERVE OF THE PARTY NAMED IN COLUMN TWO IS NOT THE PARTY NAMED IN COLUMN TWO IS
Stack	Anput String	Action
\$0	44\$	Shifty
\$0d4	4\$	
\$ OC2		heduce C>d
	d \$	shift 7
\$ 00287	\$	heduce C-2d
\$ 00205	\$	heave 5-> CC
\$ 051	\$	Accepted
10000		
100000000000000000000000000000000000000		100000
		A STATE OF THE PARTY OF THE PAR
	A A	
		A STATE OF CHARLES

S->1=R/R LALR L->*R/10 R->L Augumented Grammar 51->5 goto (20,*): 5->L=R Iy 1 > * R, = 1\$ S -> R R-> · L, = 1\$ 1->* R 1->id 1 -> **R,=1\$ R->1 L> 11d/=1\$ IR(1) items goto (Io, id): 55 > · S,\$ Is L->id. 1=1\$ 5->, L=R1\$ goto (I2 /=) 5->, R,\$ I6 S -> L= · R, \$ L->.*R,=1\$ R->. L,\$ L->.id 1 = 1\$ L-> . *R, \$ R->, L,\$ L> 10 13 goto (20,5): goto (IuIR): II 51 -> 5.1\$ II L-> *R., =1\$ goto (Io, L): goto (I.u, L) : I2 S-> L = R,\$ I8 R-> L. 1=1\$. goto (Iu,*) R-> L.1\$ L->*, R, =1\$ Iy goto (Io, R) R-> 'L 1. 13 5-> R.1\$ L -> *R

goto (Ty id) L-> id, =1\$ 975 goto (IG,R) 19 & -> L= R, \$ 30to (2612) Ind In -> Jul 210 R > L',\$ IsdI12 -> Es12 90to (I6/*) 27 d [13 -> 2713 111 /> * 'R,\$ Ig & T10 -> I810 R > . L, \$ L>,*R,\$ L-> 11d,\$ goto (2611d): I/2 L->id',\$ goto (III, R); 213 L -> *'R',\$ goto (III/L): 500 R -> L1 \$ 3210 goto (III,*) L->*, R,\$? [1] goto (In/Pd) L->id. 183 Ila

(Constructi Acti	ONK	ALR Parsetable Go to 1 3 L R
0	S512	* \$	1 2 3
1	Es.	·Accepted	
2 3	56	75 /	
411	Ssla	Sull	810 713
512	Hy	214	
6	Ssia	Sull	810 9
713	H3	43	
810	rs	275	
9		Y1 \	
		id = id	
Sta	ck 31	pstring	Action
\$ 0		id = id\$	Shiftsla
	1512	= id\$	· reduce 4 L-> B
\$ 0		= 1d\$	Shift 6
		Ed\$	Shift 512
	L2=6 1d 512		heduce 4 L> d
	L2=6L810		· freduce·5 R->L
		\$	Reduce 1 S->L=R
t ni	2 - 6R9	4	