Q.1. construct a perdicture passing table for sheet whether the given grammor is Lilli) or given grammar. **E** 

F -> E+T | T

noot:

estep 1:-E J EHT TE P > (E) |id J FT > +TE' 18 eliminating \*PT /E left recension.

step 2: - left factoring.

estep 3:- first & follow functions: first (E)= first (T) = first (F) = { C, id} first (E')= { +, E } first (x') = { \*, E}

0

fallow (E) = { \$ , ?}

fallow (T) = { \$ , ?}

fallow (T') = { \$ , ?}

fallow (T') = { \$ , +, ?}

fallow (F) = { \$ , +, ?}

cep

B

\$ \$	73	-1_	7	T7_	<b>(</b> )	
As there are no multiple hence the given greenman		7 1 6		E' >+TE		+
a va multiple of		T -> *FT				*
ultiple	F->(E)		T>FT		E > TE	
enteils is		7 2 6		E 7 C		ر -
is tobe	Fyid	1	T->FT		ENTE	
4				£ → £	49	

ellew (a) allow (B) allow (A) (S) matter ollow: irest (B) = { b, d}

irest (A) = { a, b, d, e}

livest (C) = { c, e}

livest (S) = { a, b, d, c, e} iest (Q) irest S arso anstruct 7 08Cd/ b B 10 ) = 893 ) 12 17 Ü B @ | Jas J traumas of

9	Ø	0	B	S		
			A by d	S S-ACC S-ACC S-ACC	Ω.	
	8→68		A J	DA 6-S	0	
		5		Sander	O	
	P - 8		A->BQ	S-> AC	0	
Q -> 9					10	
	-	C > E	A E	S-AC	m	
					43-	
					#	

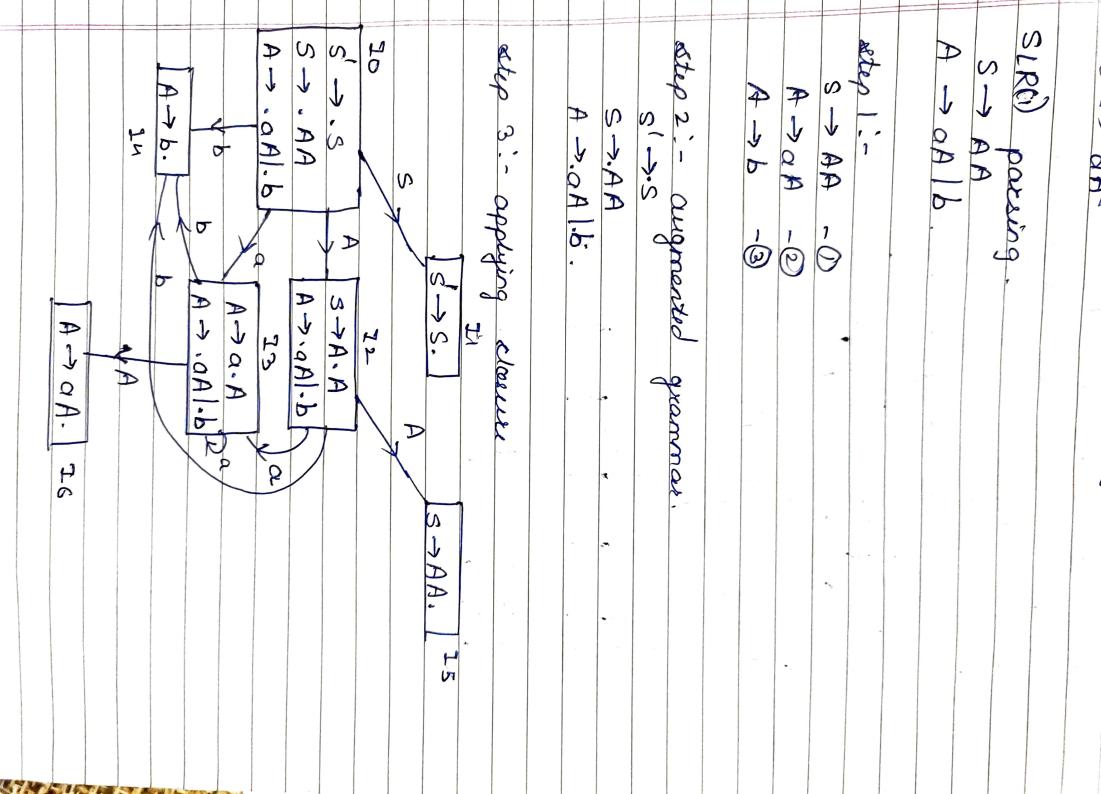
Mouses made by predictive input abdede \$ is! paksek 3 the on the

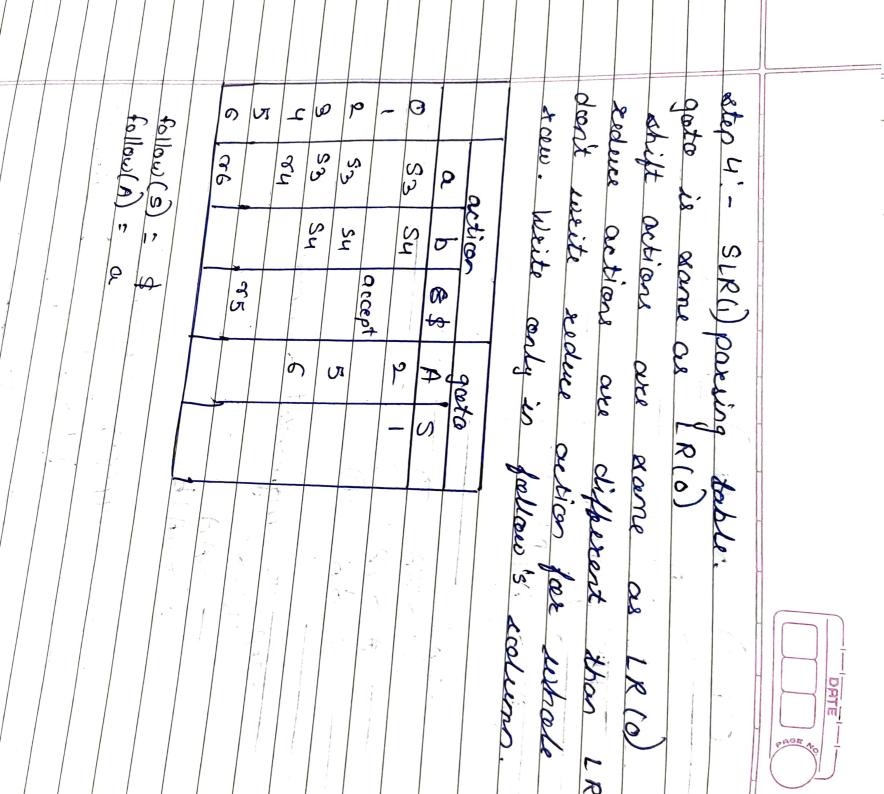
#	# 4	# <del>\$</del> c	4 40	P 3 \$ #	# \$ Cdc c	3 P C 9 #	P3P) \$#	#\$CJEB	# \$ C J C B b	# \$ 606 8	# \$ C d & Ba	# 8 \$ CA	ν #	etack
#	#	C # #	c \$#	d c \$ #	cd c \$#	c d c \$#	dc dc 4#	J c d c \$#	b d c d c &#</td><td>6 dc dc \$#</td><td>abdcde\$#</td><td>abdcdc \$#</td><td>ab ed cdc \$#</td><td>input</td></tr><tr><td>accepted.</td><td></td><td></td><td></td><td>2</td><td></td><td>υ 1</td><td></td><td>B > d</td><td></td><td>BJBB</td><td></td><td>A > abod</td><td>S -> Ac\$</td><td>autput</td></tr></tbody></table>					

To  $\supset$  $\Omega_{-}$ 7 D · OAl · b LR(O) Ó S ω ·  $\rightarrow AA$ 1 0 A S AA applying applying · a Al·b ·AA gus 1 5 'n D S-AA.A 72 nented 9 1 a)1.b HADAN ٥ grammas FP S-AA. 9 17 \* 0

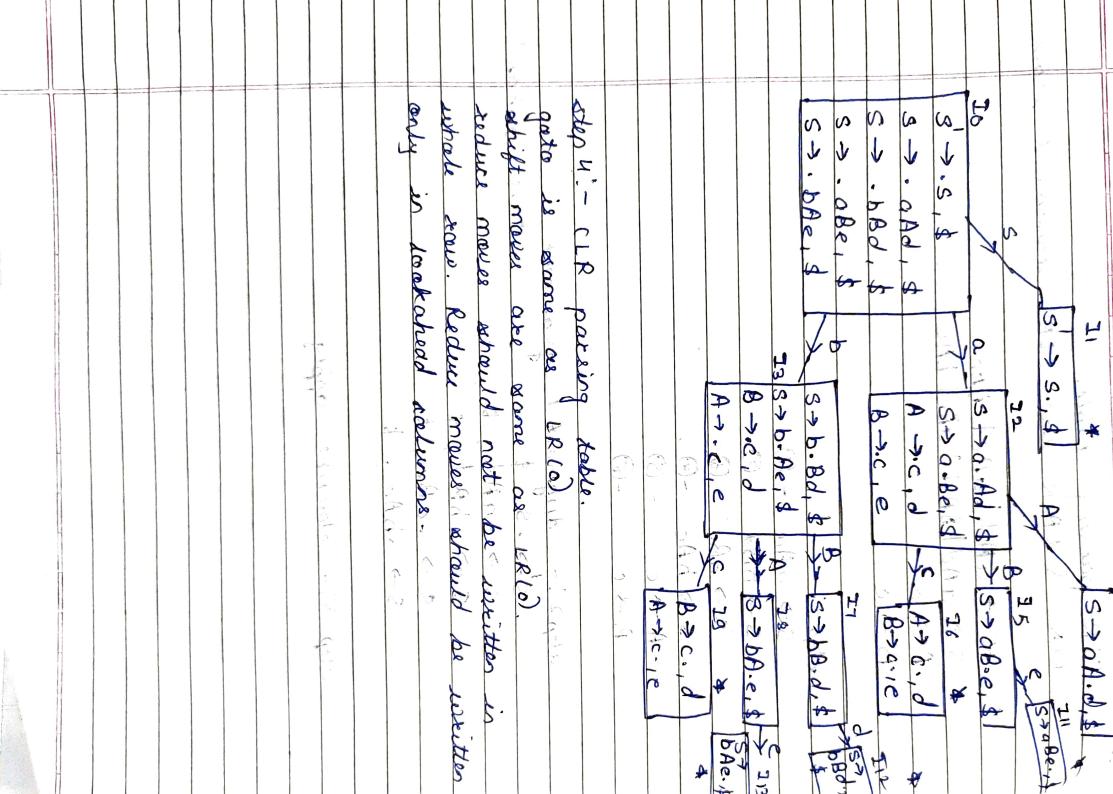
THE RESERVE AND DESCRIPTIONS OF THE PERSON NAMED IN									
9	בט	2	دى	N	-	0			
48	3	ગુડ	S S	U W		(N)	8		
4	9	ر ا	S	Su		2	O	action	
97	7	88			accept		43	3	
			Ø	U		6	A		
						-	6	gato	
		. <sup>1</sup>					·		
4									

step 4:- LR(0) parsing table.





step step S D L AV oh step 2 S. A-Vic B S +> bAe S > abe CO. Ġ a Ad I bBd I abel 1 N g LALR S W S and label ble and 680 ·bAe closuss · a Ad Lugmented a Bei bBd 1 (2) (S) 4 -0 9 table. use 1 hope grannas LRI convenie at Lookahid



																	_	. 2					
							<u>,</u>	73	7	õ	9	8	1	9	UI.	2	(P)	P		0			
																				52	<b>D</b>		
																				(P)	σ	Q	
																	89	86			0	Ction	
											<b>α</b> 6		Sip	2		510					2		
										\$	ñ J	5		್ಟ್ರೆ	5						0	<b>∕∽∕v</b> o	-
							મજ	3	3	3			ê		i.				accept	andert	<del>ts-</del>		
																	\$	2			A	9010	
							_										7	CT			000	~	DAME
											•									-	ما	V -	gnaz A
							-																