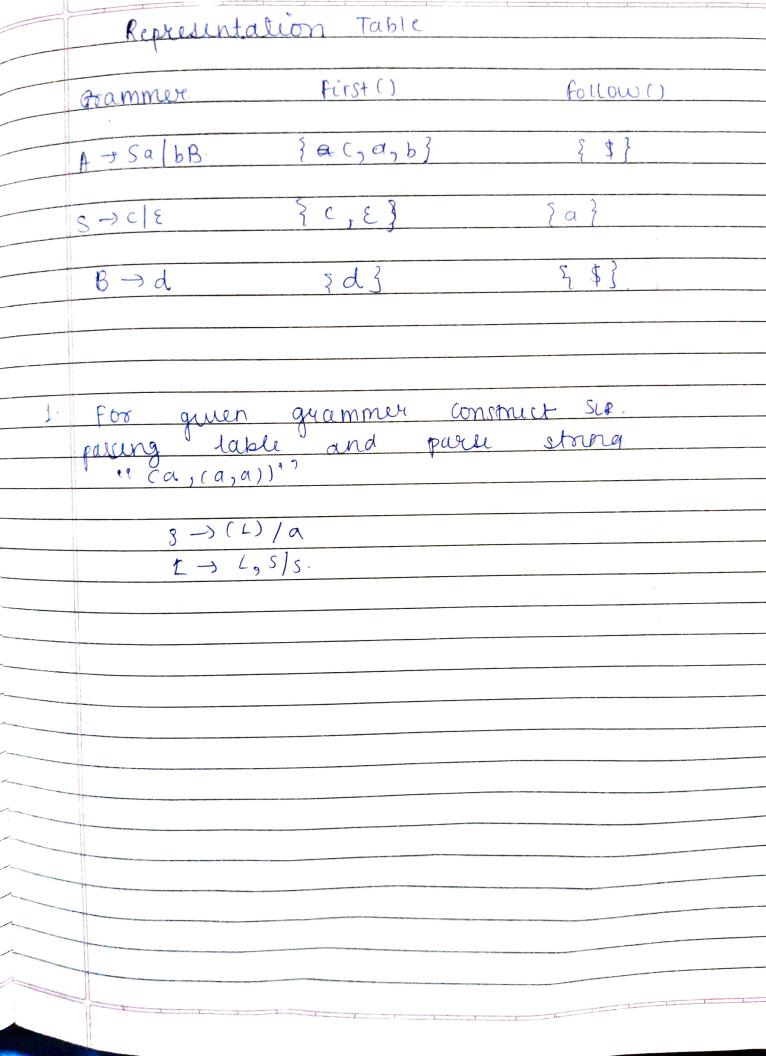
	PE 14 Payal Patil
	PF16 Valhnaud Sattle
	of 30 Sakshi face
	PE29 Vasu Kalaluya
	SSC Problem Solveng
-	
+	G
2-	quien grammer.
	
-	$A \rightarrow SalbB$
<u></u>	$S \rightarrow C \mid \mathcal{E}$
<u></u>	$B \rightarrow d$.
	to find : First () & follow() of ? Ans, Bf.
	Soin:
	$\mathbf{f}_{i} = \mathbf{f}_{i}$
	furst ()
	$\{\zeta(\zeta(t), \zeta(t))\}$
	$\frac{f(rst(B))}{f(rst(B))} \rightarrow \frac{d}{d}$
	$F(rst(S) \rightarrow \{C, E\}$
<u> </u>	FITST(A) > {FITST(b)}
	→ { (, First (Ea), b}
	$\rightarrow ((,a,b).$
-	
4-	
J>	Follow ()
H	Follow(A) -> 1\$3.
-	Follow(s) → {a}
	Follow (B) > follow (A) > { []
WH &	



	PAGE	No.			
\mathcal{L}	DATE		/	/	7

-			•
	Stack	Input Bugger	Parsing Action
	•	(a, (a, a)) \$	
	\$ (a, (a,a)) \$	shift
-	g (a	(0,01) \$	Reduce 3 → a.
	\$ (3	, (03(0)) \$	Reduce L 35
	114,	(2,0)) \$	Shift
	4 (1, 1	(a,a)) 9 a,a)) 9	. Mil
	3 (4) (a	, a)) }	snyt
	\$ (1, (5	99))\$	Reduce 5 = a. Reduce L - 15
	3 (1) (1	, a)) 1	Shift
	\$14,14,0	2)) \$	Shift
	\$ (L)(L)S)) \$	Reduce s-a.
Direction (p. sp. c)	\$ (4, 1 4		Keduce La Los
	9 (L, (L)) 9	Blanco
	\$ (4)) 9	Reduce 5->(L)
	\$(4)	3	Shift Reduces > (1) Accept
t-elineper)	T'S	* .	Reduces >(v)
*******			Accept
	and the		

-

*

SiR parser is a type of LR parser with small passe table and a relatively small parser generator of also SLR generators generator accept fewer grammer than do LALR generators like your and Bison

Construction of SLR passing table

- I Construct $C = \{10, 11, 2... ln\}$, the collections of sets of lR(0) items for C'.
- If State i is constructed from li, The paying action for state i are determined as follows
 - → If [A→? a?] is in li and GOTO (li,a)=L;
 then set ACTION [i,a] to "shift j". Here a
 must be terminated
 - \rightarrow If $[A \rightarrow ?]$ is in by then set ACTEON [i, a] to reduce $A \rightarrow ?$ " for all a in FOLLOW (A); here A may not be 5:
 - If any conflicting actions are generated by the above rules we say that grammer is not SLR
- 31 The gotorule transition for state i are constructed for all non-tehninal A using the rules:
 if G70 (li, A) = lj then G070 [i, A]=j
- 4) All entres not defined by July 2 & 3 are made error

