Compilers Assignment 5

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Compiler Assignment - S

1) CLR Groamm (Canomial LR)

39: S-> AA

A-> aA | b

Augmented Creammon:

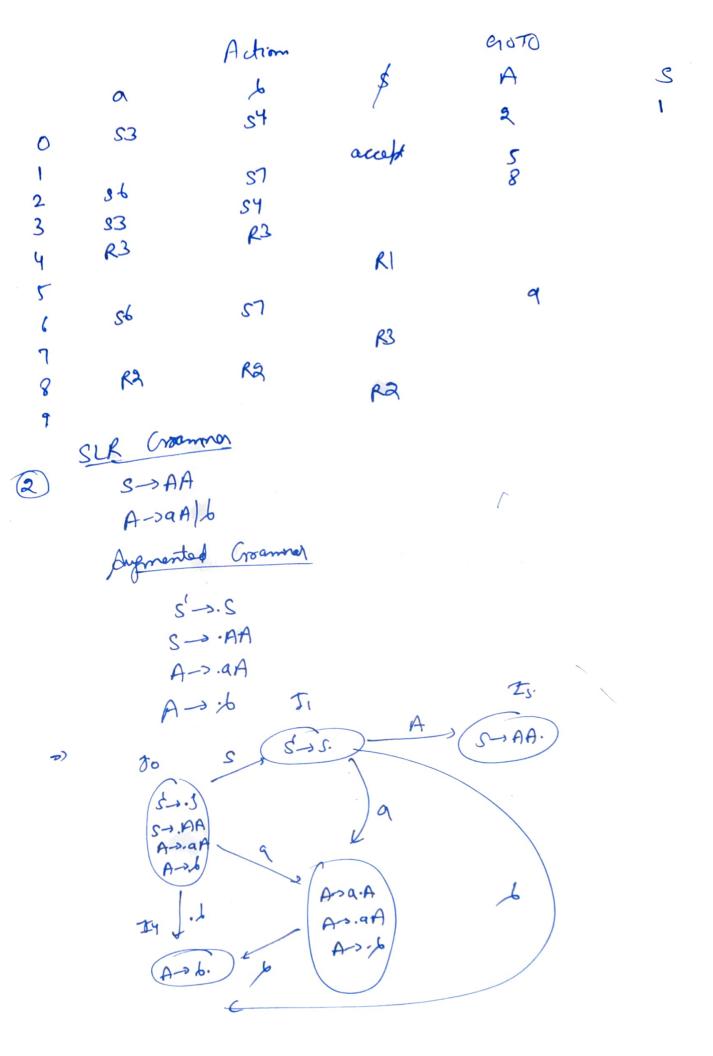
S' -> .S , & Can production)

S -> .AA , \$ [2st production]

A -> .aA, a | b [2rd production]

A -> .b , a | b [3rd production]

Ji S'->S-AP, S A>A-AP, S S-AP, S A>A-AP, S A-AP, S



ACTION 6000 A 5 6 0 84. 2 *S*3 0 1 54 6 2 \mathcal{Z} 54 53 3 R3 R3 R3 5 Ra 22 6 Ra LALR example :-3 A -aA/b Agmented Granmer 5-35 5-3. AA Twe combine she similar to values As-aA A->-6 Table -1 -> Table -5 !-> 900 ACTION 6 0 536 547 0 547 53.b 547 536 R3 RI B3 47 89 547 536 R3 63 RS RS.

final LALR Table:

		ACTIO	Cot	
	٩	f	\$	A
0	536	54?	accept	2
236	536	547 547		79
47	P3	R3	R3 R1 R3	
39	X2.	RS	وع	