Porse a string	using LALR	payel				
Porse a string Consider the	string ac	idd & po	one it	prisu	LALR	passing
toble.				V		

Stack	I suput buffer	ACTION Table	2010 Toble	porsing aution
\$0	aadd4	action[0,9]=836		shift !
\$0036	add \$	oction[36,9]=836		shift
\$0036036	add\$	action[36,d]=847		Shift
\$0036036047	d\$	action [47,d] = 73		Reduce by C > d
\$0936936089	d\$	action[09,4]=12		Reducing C-aC
\$0036089	df	action[89,d]=72	[0, 0] = 2	Reduce by C->aC
\$002	d\$	action [2,d] = 847	* X () L ()	skift
	\$	action [47,4]=83	[2,c]=5	Reducing C-d
\$06265		action [5,4]=181		Reduc by S -> CC
\$081	`\$,	action[1,4]= Accept		

The table shows the successful boraing of string.

The execution is some on in CLR parking only the merged state in LAIR is treated as a single state like 36, 47,09.

Algorithm for LALR parking table Step-1 Construct the LR(1) set of items Stor-2 Marge the two states Ii and Ij (if productions are exodly some but brokehead differ) then create a new state Iij = TiUTj Step-3 The parking actions are based on each item Ii. The others are (a) If [A - X · X F, a] is in In & goto (Ii, X) = Ij then create an entry in action table action [I, x] = Shiftj. (b) If there in a foreduction [A -> x, a] in Ii then in the action table action [Ii,x] = reduce by A -x If there is a production S' -> S', & in I' then achion[I,f] = acrept. The goto part of the LR table can be filled op It Joto (Ii, A) = Ij then goto [Ii, A] = j If the parsing action conflict them the algorithm
fails to produce LALR parsing & grammae is not