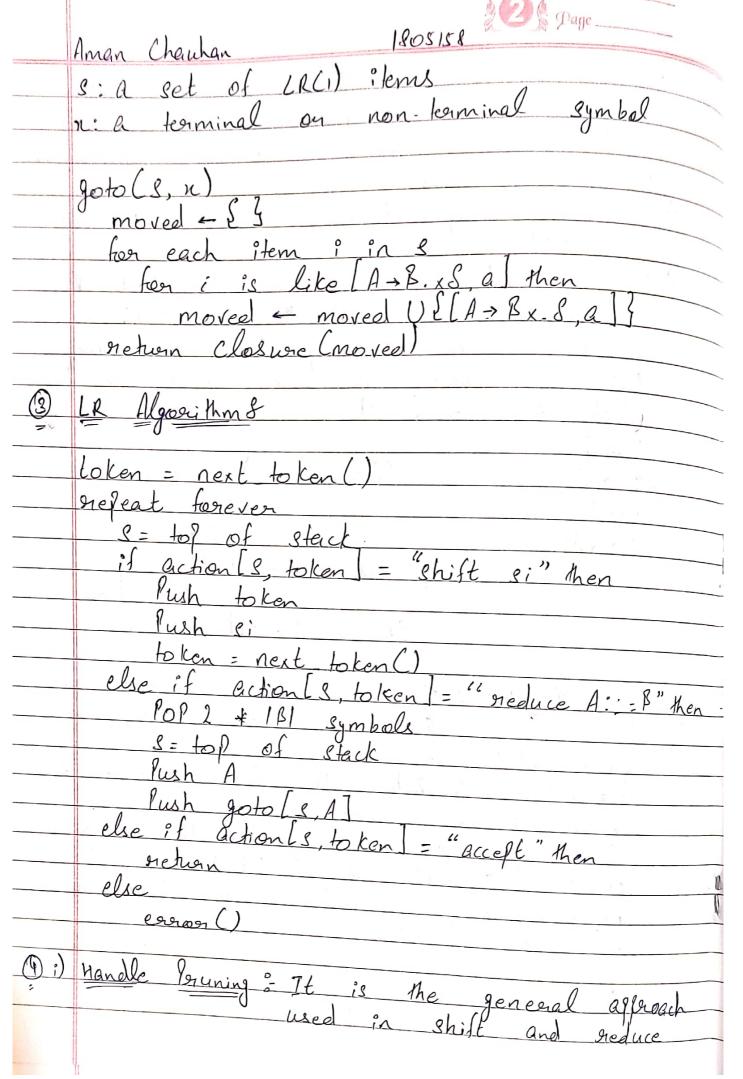
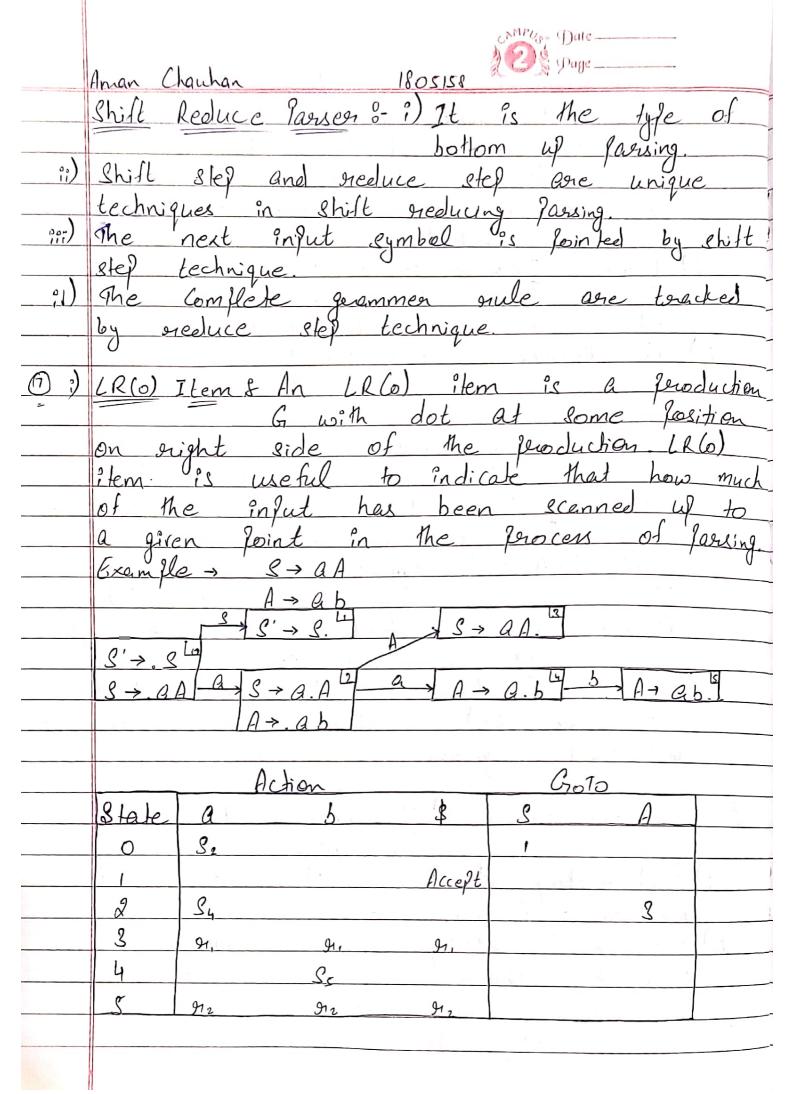
	MPlus Date				
	Aman Chauhan 1805158 Puge				
	Closure Operation & If I is a set of items for				
0_	a geranner C 4 1				
<u> </u>	is the set of items constructed from I by				
	the two gules:				
	100				
()	Initially every item in I is added to				
	closure (I) If $A \rightarrow \propto BB$ is in Closure (I) and $B \rightarrow V$ is				
ĝ.) 1	The Asome Cosume				
	a feroduction then add the item B>Y to 7,				
	if it is not already there we apply				
	This rule until no morre items can be				
	added to Closure (I).				
	Example:				
	Closwiels -151 - 57.5				
	S -> AA				
	$\mu + QA = 0$				
	(laswie (S-> H.H) = S-> H.H				
	A -> aAl.b				
	Closure (A > aA) = A > a.A				
(a)	Go To Function & To model the transition that				
<u>(9)</u>	the farser would make from a				
	alala on come gerammer symbol x the				
	given state of items that				
	given state on some gerammen symbol k, the algorithm Computer the Set of items that would nesult from necognizing an k. To do so, the algorithm selects the subset				
	would great the subset				
-	To do so, the ages of LR(1) items where				
	of the current get of LR(1) items where Perecedes x and advances the fast the x				
	The said of the sa				
61	in each of them.				
	The same of the sa				
	Algorithm & Finds state transitions.				
	= 0 == Finds state tonaminous				



Aman Chauhan 1805158 Aman C. A handle is a substoring that matches farsing the booky of a few duction. Handle reduction the reverse of nightmost derivation. A sightmost derivation in sieverse can be obteined by handle fruing I tems of which include the initial Non- Kennel Items & which have their dok 1.R Passer is most Jowerful among bottom a non-necursive, shift It was a which most efficient eyntax and are also known Parsers, where L stands for Blanning of the input stream the Construction of right-most in neverse and k denotes the number look ahead eymbols to make decisions Predictive Parsen & i) It comes under the top down farsing it imfac 13) Backtonacking does not larsen. The input storing can be reflaced by The Parser of necurive descent Look ahead fointer is used the succeeding input symbols



2		Date				
	Amen Chauhan 1805 158 Date Dage					
	aman Garage	71 0	7.4			
P. 0)	LRCI) Item :-	It is a	Collection o	f 1.0(a)		
		item and	a look a	h a l		
	symbol.		FOOL G	nead		
	symbol.	16-11				
	10(1) 11011-	KCO) item + L	ook Chead			
	The look an	cad is used	to debani	20 N-04		
	The look ahead is used to determine that where we place the final item the look					
	where	11 1	nas Item The	_look		
	shead always add & symbol for the					
	where we flace the final item the look ahead always add & symbol from the argument for duction.					
	Example > S > a A					
	Example					
		S' → S. , & "	S>QA. B			
	(°' -> . S , \$ 10		,			
	3	0 0 0 6 12	a Ja	5 A-ab.5		
	S → . GA, B	S → a.A, &	$a \rightarrow A \rightarrow $	-14-987		
		A → . a b , \$]	·	6		
		•				
			1			
	Rlate a	<i>b</i>	SA			
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	0 32	1. 01				
		Accest		,		
	2 S4		<u>.</u>	1		
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	<i>x</i>					
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