	Name: Shruti Da	lin	Class:_Di	2ADiv:	_Roll No:
	Subject: SPCC		Date:	Page N	o:
	An Hallmara Mi	and a	anning set	on House	SP 1
	Agm: Implement	- 11(1)	Pareser in	7 11	7
_	a) Generale 11	he Predict	ve Parsing	and n	valid
	b) Perform Par	d on Par	sing Table o	eneratod	
-	to the second second second	and the term	THE PERSON NAMED IN COLUMN		COLUMN TO THE PARTY OF THE PART
	Theory:  LL(1) Parising		promited has	The same	
	LI(1) Parsing	erel vos a	Transport (1	J A hard	( ) Ces
		( motto)	res of this	alston	
-	Here the 1st L	represents	that the so	anning	of the
	Input will be don	e from	Left to right	technique	e and
	second L shows to	use Left	most Deriv	tion to	oe
	The 1 represents	the nu	nber look - c	rhead u	shich
	means how many	gaymbol	s are you	joing to	300
16	when you want		NAMES AND ASSESSED ASSESSED.	altern	DETAIL TO
	Rules for generali	ion of p	redictive pa	resing t	able.
					Exemple 1
	First check all the	- Control of	TO REPOSE IN	2000	ATT.
	The grammar sho	uld be f	ree from le	ft recur	sion
	The grammar sh	rould not	be ambiguou	<b>3</b>	5-9074.15 N
1	The grammar ha	is to be	left factored	un so	Thal
	the grammar is	allermini	she gramn	cor.	- d-
1			Land Looks	tas Bass	Sert !
1					

Algorithm for pausing action in predictive parsing table. Predictive Parsess has the following components: a) Input Buffer: The input buffer includes the string to be parsed followed by an end marker \$ to denote end of string.

b) Stack: 9t contains a combination of grammar symbols with \$ on bottom of stack. At start of Parsing, stack contains the start symbol of Grammar followed by & O Parsing table: It is a 2D Array of matrix M[A,a] where A is non-terminal and a' is terminal All terminals are written column-wise and non-terminals are written to now wise. Parsing program: The paising program performs some action by comparing the symbol on top of the stack and current input symbol to be read on input buffer. Actions: Passing program lakes various actions depending upon symbol on top of the stack and current input symbol.

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	Various actions taken are given below:
	Description Jop of Current Action.
<b>b</b> .	It stack is \$ Parising ouccessful and will be halted.
2.	If symbol at top \$a \$ba Pop a from stack of stack and current and advance to input symbol do be next input symbol.  read are both terminals and some.
9.	If both top of stack & a & b Error.  and current input  symbol are terminals  and they are not  equal.
	9/ top of stack is \$X \$a. Refer to entry M[X,a] in parsing table -I/ M[X,a] = X  x-AB then Pop X from  terminal.  Stack push B, A onto  stack

	All seemaining entries in Jakk M ans when	
	dd A -> & to M[A,S]	
	19) E is in FIRST(X) and & is in FOLLOW (A), fun	
	The each terminal, a in FIRST (a) add A -a to MIA (a)  4) E is in FIRST (a) and b is in Follow (A). Then	
	Method: For the psoduction A - of Grammas 6.	T.
	Output: Oredictive Parsing Toute M.	
# 1	Algorithm:	