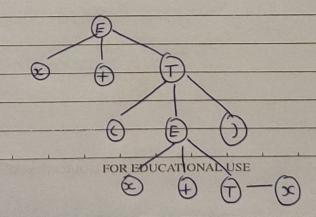
System Programming Assignment 5

- * Aim: Recursive Descent Parser for assignment statement
- * Objective: To understand the process of parsing & to study bottom up & top down parsing.
- * Outcomes: Understood the design & implementation of parser
- * Theory:
 - Recursive Descent parsing is a top down approach in which the parser altempts to verify that syntax of input stream is correct.
 - This involves reading characters from input stream & matching them with terminals from grammar that describes the syntax of the input.
 - For simple grammar $E \rightarrow x + T$ $T \rightarrow (E)$ $T \rightarrow x$

The derivation tree for expression x + (x + x)





-	Tant: C - P. I. P
	Input: Grommar Rules & string.
	THE REPORT OF THE PARTY OF THE
	Output : String evaluation
*	
	Algorithm:
	i) That do
	ii) Meeting
	(ii) Commile block with
	in) of tolen solv (a grammar
	i) Input string ii) Mention grammar iii) Compare token with grammar iv) If token satisfies grammar return string evaluation.
	The second second second control and the second sec
*	Conclusion: Thus we have at lead man in I
	Conclusion: Thus we have studied recursive descent parser
	THE RESIDENCE THE CASE AND AND ADDRESS OF THE PARTY OF TH
	TOTAL SE DISSIE JUAN HE SOURS EN LONG LES LA
	postured a mostle supplication such and plants and and
	pager south and and admirary to the room of a larger of the second
	The series with the series of
	The state of the s
	(44 24) the micrograph and was the second

FOR EDUCATIONAL USE

(Sundaram)