	33304
	Unit Companion ====
1	Assignment - 11
FU.	The second of th
*	Brobler Statement: - Write a program to implement a calculator
i ol I	using len and yacc tools.
	The state of the s
*	Objective :- To underestand the process of lenical analysis and
1.11	tools such as lese and tace.
1.17	The state of the s
*	Theory:
	lesical Malain To +
	lexical Analysis - The action of scanning the source program
	into proper syntatic classes. It scans the program and
	converts it into basic elevents on tokens of the
	larguage.
	The good is to check the validity of a source string
	and to determine to syptactic structure - for an invalid
	string the parener issues diagnostic ressages reporting the
	cause and nature of errors.
	For a valid string, it builds a parse tree to
	reflect sequence of derivations on reduction performed.
	Bottom up Parsing - A bottom up pouser constructs a parse true
	for a source string through a sequence of reductions.
	The source string is valid if it is can be reduced
	To "5", the distinguished symbol of granmar "6".
	The not are some in secret live in the
	If not, an everon is reposited and indicated during the
	process of reduction
	T 1 0 .
•	Top down Bursing -> The top down pairing according
1	to granman "6" tries to derive the natching source
	strung through the sequence of derivations, storting
	with distinguished symbol of 6.



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•	Shift reduce porser > This relland is bottom up poursing >
	the starte to heald the partie for an information
, +	t to lower (bottom) and working up towards me
	noot (40). In this process a strung w 10 remarks
	the start suntal of the granian.
L. i	have a surger all high day
	At once itop a string notehing the night side of the
	andustion is replaced by the symbol on the reft.
	one of this replacement stop is rolled as a
	nedurtion-
September 1	and the second law and the second sec
•	Input structure to lex -
	its be ide no stands and also the stands
y 80	Definition section
	1. 1.
=	Rules section
. J.	in the state of th
,	Rode section
	the transfer of the second
	Ex:- 1.7.
	БСНО;
	m GCHO;
	7. 4.
5 1 3	int yywnap (void) {
. A.d.	return 1;
h the	3 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	int main (void) &
4+ +	yylen();
	neturus 0;
	3
	1 and and all a to a death
1 1 1	Techo is an action and predefined morro in bee that
, 2	writes and natched by the pattern.
	Delight A was help that

	33304	PAGE NO PAGE NO
	· Overall exerces of C	wycompanion —
	· Overall process of lon compilation >	
	lex sowice prox -> len ->	len. yy. a
15.	000	4
An-ware	compiler \ compiler	ant
	input stream -> a out ->	sequence of
	www.c	Tokens
	- YACC -	
F.,		
	2. It reads the	piler Compiler
	2. It reads the granurar and generates  3. Granman Written Rocky N.	c code for a pareser
	LADINUS MILLE	M. IRNEJ
300	5. Ex: To pance an + i	content - free languages
	5. Ex :- To pance an operation, do	reverse operation (reducing
3	6. This is known as bottom - up parring	on shift-reducing
igi " Taxa	7. It was stack for storing	(LIFO),
30 304F	· Actions of YACC input >	
e e de la companya de	top definitions definitions	- 1 / m - 1 / a.
0	7.7.	Verifica and
	rules	And And Add
	1.7.	
	·- subroutines	
	BYNING WANTED	
	· Pasic operational sequence of YACC >	4
	The state of the s	
7	Over the Time I'm	c+ '` 1: 1
	gran. y The file	containing desired
		thee former
	Nacc Yacc -	The Alderson
	YACC PL	wytan
La segui		
	y tab·c	41
	DOWN.	re program orested
		by YACC



