	Nikkita Guurani
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	The service of the time the first
	LAB-02
	APM: To Emplement lixical analyses.
	Theory - long promon released and only woods
7	What is lixical analysis?
__	With its windings o
>	Lixical analysis is the first phase of compiler. It is also known as scanner.
1	compiler. It is also known as scanner.
1	It converts high lund input pluguam into
	Compiler. It is also known as scanning. It converts high lund input pluguam into a sequence of Tokens.
Ø	1.0 1.0 1.1.2 1.1.2 1.1.2
e	DEA (Deturning to Finite Automata)
0	The output is then sent to pauser for
	Suntax analysis
	I had an it a the distance of the substance of
	Jurical tokun Paulu
	Lisical tokin Pauser
	get token
	7 1 + 1 + 2 = udminum 7 × 0 = 1
	- Catill & C = within the - pi Bib
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	1 OK ED CHITOMIA COL

	The second of th
	Toking - A lovical tokim is a socium
	Chave The best Can be thented as t
	a mand that the analy of our
	a anti whi programme of programme
	Token -> A Jexical fokun is a Sequence of Chanadius that can be truated as for a until unit in guammar of programmy language.
	Example of token >
	CAUT TOWN
0	Type token (9d. number, meal,)
	Punduation Jokens [IF, vold, ruturn)
	Alphabet tokens (keywards)
	Keywayds, Examples- fou, whill, if Taintifier: Examples- Vaurable name,
111	Fortifier. Examples - Variable name
17/14/	operators: Examples- 1+1, 1+1, 1-1 et
	Operators Examples (+', '++', '-'
- 1	Sepanatous: Example 1,1,1,1,1,1
~	Lexeme: - The sequence of characters in
- *	
3	token Seguent of Input Chauseum that
	Compruses a single token is called liver.
	It is simply an instance of token.
	The state of the s
	Eg float, abs seuo kelvin, =, -, 273,
——— ⊁	Pulimety = 2 * (1+h).
71.	Pulumety = 2 * (1+b).
	Eg-, Puimetry = 2 * (1+b).
	Eg-, Prui metru, = ,2, *, (,1,+,b,);
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4	Patturn > It spicifies a set of evulus that a secannic follows to avail a token. The seguina of characters
	that a secanner follows to aunte
	a token. The seguina of characters
et .	that make a kleyword.
	Lit must start with the alphabet, followed by alphabet an a digit.
	This wills discubing all those lixeme
	that can discubl a token.
	Type of operator : +, =
	Type of operator : +, = Type of punctuation: (,), E, J
,	Any string of charactus (Except ")
	between " ahd".
	Example > Identifier > start with alphabet/ underschou forlich by any appanumuic char Pht > (0-9)*
	underschou forted by any
	apphanumuic char tht > 10=9 1 0
	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
#	Draguam with example-
	Input Change hixical Toking Syntax
	Input Chause history Syntax Analysis Analysis
	ASK for
	Input Chause hexical Toking Syntax Analysis Analysis Push Dack Toking Syntax Analysis Analysis Ask for April Dack
	ttha
	Charactus
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