	Saathi
	Charles and the Comment of the Comme
	Compiler Derign Aho, Ullman, Sethi
	Aho, Ullman, Sethi
	Compiler Mayotal To
-	Sridha
	NEA DEA
	NFA DFA
	12/08/2022
*	Lexical Analysis
3	Token -> sequence of characters (left to right scan) that has a connective meaning.
	has a connective meaning.
7	anh. Total - num + num 1 * 150
-	La L
	ids ids ops ids ops 50
i la	Julputs: ids = ids + id3 * 50 (be presented in tokens)
(	Julpuls: id1 = id2 + id3 * 50 (be presented in tokens)
	(Stored in Symbol table)
Ж	Syntax Analysis
, T	Odr log to heith a solit was
Ly	put:- idi Parsetree
	Light of brief Light
Ca, C	ide ide
	A Company of the second of the
*	Semantic Analysis ids 500
Inpu	L: Modified (Type change)
	marke mater of the state of the
	id2 *
	The same of the sa
	ids int tofloat
	50

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\* Intermediate Code Grenerator Using temporary variable store ti= (int tofloat) 50. Another temporary variable store, t2= id3 \* \$\frac{1}{2} t1 idsta = t3 May ta3, ti 42 di ADD -td2, t2 MUL tzid 3, 61 STORE ADD fzid2, t2 STORE £3 Mov id1, t3 Code optimization t3 = id3 \* 50.0 idy = id2 + t3 Lair Low 11 - Binary, Assembly. MOVF R2 #50 MULF R2, id3 MOVF RI, 8 R2 03 (trad) get 1 1 1 ADDF R1, id2 Shire Shipper Position = Initial + rate # 60 1000 1. Linical Analysis Input: Position = Initial + rate #60 ides ops ids ops ids 60

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	There love sold a la modete ma la
	JUMOV FARRIO # 60 water and committee la for
	MULF Reyids Ibourd 169 10 man
	MOVE RI, R2
	ADDF RI, id.2