

	33304
	5- To detect overs such as invalid identifier on
Q. view	Data structures 2 >
91.	1. Source program - Original source program which is scanned by
. r.J.g. ·	compiler as a string of characters.
	2. Terminal table -
7 1	It stones arithmetic operators, keywonds etc
3.3	3. Literal table - 1 The 2 May Thomas and a state of the
	It stones all literal and addresses
	4. Identifier table
	5. Vniform symbol Table
b	Algorithm ->
	1. Interluze line no to
# 1 - <u>ATA</u>	2- Road the source program line by line (in buffer)
	3- For each line separate the tokens such as (i) Identifier / function navos / keywords:
	Follow the Transition diagrams to detert this
Armant.	ie letter followed by letter on digit. Search
	in keyword table for existence of keywords
	otherwise it is identifier on function name
	(i) Integer constant; digit followed by digit
	(iii) All types of operators such as >, < > , ++ ,+ etc
191	Market 1 1 1 years to take Market at the
	(i) Remove convents of type /* */.

33304 @ Remove all white spaces. 4. Assign a line no. and increment line no. 5. Repeat steps @ to @ till end of file. Conclusion: Thus in this this assignment, we learnt about the lexical analysis phase of a compiler and implemented a program to replicate the working of a lexical analyzer.