Lex program.

Mame: Kajal Sunil Pagare
Rollno: 26. Div: B
tlass: TE.

Aim: - Design Lex program to count no. of words, lines and characters of given input tiles.

Problem statement - Write program using Lex specifications to implement lexical analysis phase of compiler to count no of. words, lines and characterities of given input files.

Pre-requisitres - Lex Basics

Software Re	equirements!	
ST.NO.	Facilities Required	Quality.
1	System	1
2	0/5	Ubuntu tylin
3 10011	slu'name	LEX TOO

objectives - 1. Tounderstand LEX concepts,

2. To implement LEX program

for no's of count.

3. To study about Lex & java,

4. To know importance about.

lexical Analyzen

HOW THE INPUT IS MATCHED :-

The When thegenerated Scanner is run,
It analyzer its input looking for Strings,
which match any of its patterns.

the one matching the most text. It its finds two or more matched of same length, the rules listed first in the Hex input. file is is choosen.

once the match is determined the text corresponding to the match is madeavailables in the global character pointer, yytext and its length in the global integer, yyleng'.

Source Program lexical errors Loxical Analysis tokens Symbol syntax errors syntaxAnalysis (parsing) Table, const Tokens table jothe table semantic Analy. Semantic errors. Sequences of Steps Intermediate representation

Front - end of toy compiler.

1970 1914 5319 B 1933 Have help tables to the Callon ac account Conclusion Thus, we have studied. lexical analyzer and implemented an application for lexical is Analyzes to count total number of words, chard And line etc. problem stalement or william makers more application and to long the I textical analysis (paged accept a regulation of the second of the second AT BETWEEN WATER TO BE T