Expt. No. 1  Expt. Name. Implement Token seperation for a given expression Date:	1
Aim:  To write a lex program to implement Token Seperation for a given expression using LFX.	
Algorithm:  Step 1: Include the necessary header files and declare the necessary variables  step 2: Define the key words and the identifiers with the constant and operator  step 3: Get the statement for analysis from the user step 4: Check the each and every element in the statement with the define keyword and if it matches print it as the keyword step 5: Check each and every element in the statement with the defined identifier and if it matches print the element as an identifier.  step 6: Check each and every element in the statement with the defined constant then find the equivalence and point print is as Constant and every element in the statement with the defined operator and if it matches print the element as an identifier.  step 7: Check each and every element in the statement with the defined operator and if it matches print the element as an identifier.	e rd.

Expt. No.	e No2
Evnt Name	e :
Date:	
Program	
File.	
letter / option noyywap	
Y. E	
# include < stdio. h >	
void yyerror (char *);	
letter [A-Za-2]	
digit [0-97 operator [-+ *7	
void	
main	
if	
dol	
printfl	
intl	
float	
for Eprintf ("x.s is a keyword In", yy text.	);}
æ y s l	
× c	
1.dl & printf ("xs is a Formal specifier li	n', yytert); j
X+	
(1) 1 1 ) ( slotter f/sdigit 3) * Sprint (xs is a identi	fier In, yytext );
(2) etter 31-) ({letter 31 sdigit 3)* Eprint f ("xs is a identi (xs is a identification of the state of the	fier In, yytext );
(2/etter3/-)({letter3/sdigit3)* Eprintf (xs is a identi Eprintf (xs is an operator ) Eprintf (xs is an operator )  Edigit3+ Eprintf (xs is a noumber in yyter)  Eprintf (xs is a open parenthesis in the second of the second open parenthesis in the s	fier In', yytext); } - In', yytext); }

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	Eprint f ("x s is on close parenthesis in", yy text); ?  Eprint f ("x s is a semicolon in", yy text); ?
\frac{\psi}{\shi}.	Eprintf ("Y. s is a double quote In", yytext); } Eprintf ("In Syntax Error!   In"); }
	ror (char *s)  derr, *% sln', s);
Result: Implement LEX TOOL	t Token seperation for given expression using has been executed successfully.