**Practical - 8**

**AIM:** Write a program to convert infix to postfix using Lex and YACC.

**Program:**

1. **Yacc File**

%{

#include <stdio.h>

%}

%token NUMBER

%left '+'

%left '\*'

%%

start : E { printf("\n"); exit(1);}

E: E'+'E {printf("+ ");}

|E'\*'E {printf("\* ");}

|NUMBER {printf("%d", $1);}

%%

int main()

{

yyparse();

return 0;

}

yyerror(char \*s)

{

printf("%s",s);

}

1. **Lex File**

%{

#include "y.tab.h"

extern int yylval;

%}

%%

[0-9]+ {yylval=atoi(yytext); return(NUMBER);}

. {return(yytext[0]);}

\n {return 0;}

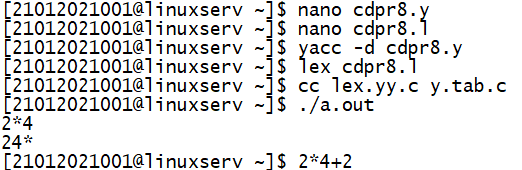
%%

int yywrap(){

return 1;

}

**Output:**

****