**CODE**

%{

int n = 0 ;

%}

%%

"while"|"if"|"else"|"int"|"float" {n++;printf("\t keyword : %s", yytext);}

[a-zA-Z\_][a-zA-Z0-9\_]\* {n++;printf("\t identifier : %s", yytext);}

"<="|"=="|"="|"++"|"-"|"\*"|"+" {n++;printf("\t operator : %s", yytext);}

[(){}|,;] {n++;printf("\t separator : %s", yytext);}

[0-9]\*"."[0-9]+ {n++;printf("\t float : %s", yytext);}

[0-9]+ {n++;printf("\t integer : %s", yytext);}

. ;

%%

int yywrap(){ return 1; }

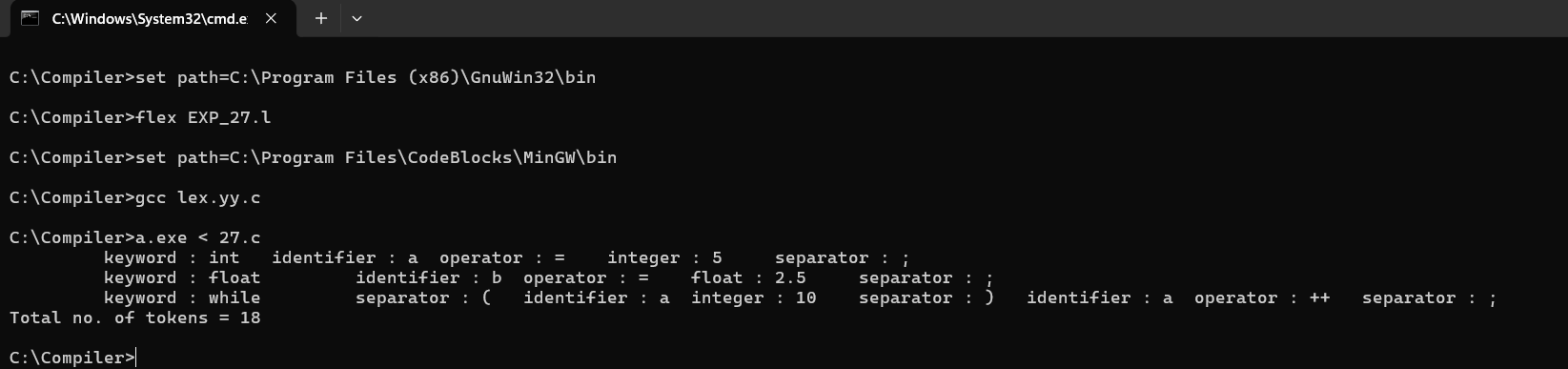
int main() {

yylex();

printf("\nTotal no. of tokens = %d\n", n);

}

**SCREENSHOT**

****