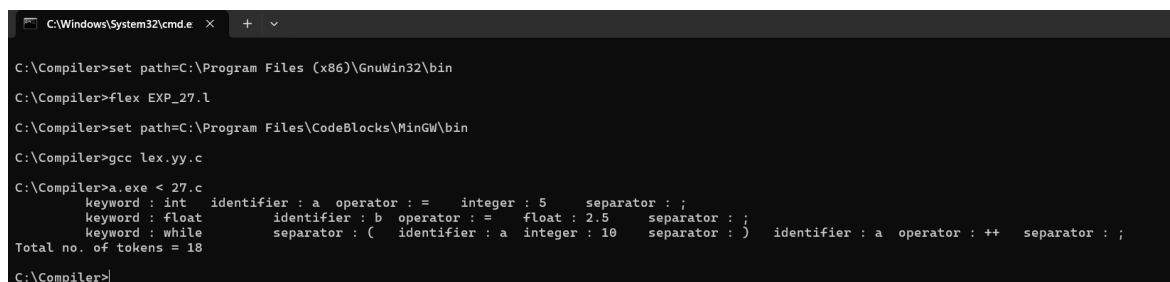# CODE

```
%{
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