```
%{
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

// stuff from flex that bison needs to know about:
extern int yylex();
extern int yyparse();
extern FILE *yyin;

void yyerror(const char *s);

int nWords = 0;
%}

%union {
        char *sval;
}
%start line
%token <sval> STRING
%%

line    :       STRING line { nWords++; }
                |       STRING          { nWords++; }
                ;

%%

main() {

        FILE *myfile = fopen("in.cpp", "r");

        if (!myfile) {
                printf("Can't Open File!!!");
                return -1;
        }

        yyin = myfile;


        do {
                yyparse();
        } while (!feof(yyin));

        printf("\nNumber of words is : %d", nWords);
        printf("\n");

}

void yyerror(const char *s)
{
        printf("EEK, parse error!  Message: %s", s);
}
```