```c
#include <ctype.h>
#include <strings.h>
#include "testlex.h"

/* para o caso de testlex.h não ter sido criado: */
#ifndef MAX_TOKEN_LENGTH
#define MAX_TOKEN_LENGTH 4
#define FIRST 258
#define LAST  257
char *token_names[]={};
#endif

double yylval; /* apenas para resolver referência externa */

extern int yylex(void);
extern char * yytext;

void
printtoken( unsigned int token )
{
  printf( "token %3d", token);
  if (token == 0)
    printf("  EOF\n");
  else if (token<32) {
    char *p,*q;
    if (p = index(q="\n\t\r\f\a",token))
      printf("  '\\%c'\n","ntrfa"[p-q]);
    else
      printf("  ^%c\n",'@'+token);
  }
  else if (token < 256) {
    if (isprint( token ))
      printf("  '%c'\n", token );
    else
      printf("\n");
  }
  else
    printf( "  %-*s  \"%s\"\n",
            MAX_TOKEN_LENGTH,
            (token < FIRST)? "" : (token > LAST) ? "????" : token_
mes[token-FIRST],
            yytext );
}
```

```
void
main (int argc, char *argv[])
{
  int i;
  do {
    printtoken( i = yylex() );
  } while (i);
  if ( argc > 1 && !strcmp(argv[1],"-s") ) {
    printf("\nTabela de Simbolos\n");
    print_sym_table ();
  }
}
```