

```
%{  
#include <stdio.h>  
%}  
  
%option noyywrap
```

```
LETTER [A-Za-z]  
NAME [A-Za-z0-9_]+  
FUNCTION {LETTER}({LETTER}|{NAME})*\\(.*)\\)
```

```
%%
```

```
{FUNCTION} { printf("%s is a function\\n", yytext); }  
[ \\t\\r\\n]+ { /* ignore spaces */ }  
. { /* ignore others */ }
```

```
%%
```

```
int main(void)  
{  
    printf("Enter the program text:\\n");  
    yylex();  
    return 0;  
}
```