

Sep 17, 02 16:25

p1.lex

Page 1/1

```

%{
#define _OCCUPATION 1
#define _PLACE      2

%}

ws [ \t]+

%%

teacher |
student |
driver   { /* printf("An occupation token: %s\n",yytext); */
           return _OCCUPATION; }

house |
road  |
street |
park   { /* printf("A place token: %s\n",yytext); */
           return _PLACE; }

{ws}      {; }
.         { printf("Error: Undefined string found! (%s)",yytext); exit(1); }

%%

int main(void) {
    int res;

    while(res=yylex()){
        switch(res){
            case _PLACE: printf("<place>[%s]\n",yytext); break;
            case _OCCUPATION: printf("<occupation>[%s]\n",yytext); break;
        }
    }
}

```