

CODE:

.l file

```
%{
#include "y.tab.h"
extern int yyerror(char *str);
extern int yyparse();
}%

%%

"while" return WH;
 "(" return OP;
 ")" return CP;
 "{" return OCB;
 "}" return CCB;
 "<" |
 ">" |
 "<=" |
 ">=" |
 "==" |
 "!=" return CMP;
 "+" |
 "-" |
 "*" |
 "/" return OPR;
 "=" return ASG;
 ([a-zA-Z])( "_"|[a-zA-Z0-9])* return ID;
 [0-9]+ return NUM;
 ";" return SC;
 "," return COMMA;
 " " {}

%%
```

```
int yywrap()
{
    return 1;
}
```

.y file

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