

```

%{
    void yyerror(char *s);
    #include <stdio.h>
    #include <stdlib.h>
    #include <string.h>
}%

%union {
    char *id;
}
%start line
%token WHL
%token stmt
%token exit_command
%type <id> expression

%%

line :
    expression ';' {
        |
        exit_command ';' {
            |
            line expression ';' {
                |
                line exit_command ';' {
                    exit(EXIT_SUCCESS);
                    ;
                    exit(EXIT_SUCCESS);
                }
            }
        }
    ;

expression :
    WHL condtn st {
        printf("\nValid\n");
    }
    ;

condtn :
    '(' stmt ')'
    ;

st :
    simple
    |
    '{' complex '}'
    |
    expression
    ;

simple :
    stmt ';'
    |
    ;

complex :
    simple complex
    |
    expression complex
    |
    simple
    |
    expression
    ;

%%

int main(void)
{
    return yyparse();
}

void yyerror(char *s)
{
    printf("%s\n", s);
}

```