

```

.
.
.
" " ; /* ignore blanks */
let return(LET);
"*" return(MUL);
"=" return(ASSIGN);
[a-zA-Z] [a-zA-Z0-9]* {make entries in tables; return(ID)};
.
.

```

(a)

```

%token ASSIGN ID LET MUL ...
.
.
.

```

```

statement : LET ID ASSIGN expr
           { ... }
expr      : expr MUL expr
           { $$ = build(MUL,$1,$3); }
expr      : ID
           { ... }
.
.
.

```

(b)

Figure 5.37 Example of input specifications for LEX and YACC.