Грамматика

Терминалы:

(OBRACKET, “{”) (CBRACKET, “}”) (ORBRACKET, “(”) (CRBRACKET, “)”)

(SEMICOLON, “;”) (RELATION, “<”), (RELATION, “<=”), (RELATION, “>”),

(RELATION, “>=”), (RELATION, “<>”), (RELATION, “==”), (ASSIGN, “=”), (ID, “$id”), (CONST, “$const”)

<prog> := <block>

<block> := ‘{’<op\_list>’}’

<op\_list> := <op><tail>

<op> := <id>’=’<expr>

| ‘{’<op\_list>’}’

<tail> := ‘;’<op><tail>

| <epsilon>

<expr> := <ar\_expr><expr`>

<expr`> := <relation><ar\_expr>

| <epsilon>

<factor> := <id>|<const>|’(’<ar\_expr>’)’

<term> := <id><term`>

| <const><term`>

| ‘(’<ar\_expr>’)’<term`>

<term`> := <mul\_op><factor><term`>

| <epsilon>

<ar\_expr> := <id><term`><ar\_expr`>

| <const><term’><ar\_expr’>

| ‘(’<ar\_expr>’)’ <term’><ar\_expr’>

<ar\_expr`> := <sum\_op><term><ar\_expr`>

| <epsilon>

<relation> := ‘<’|’<=’|’>’|’>=’|’<>’

<mul\_op> := ‘\*’|’\’

<sum\_op> := ‘+’|’-’

<id> := ‘$id’

<const> := ‘$const’

"{ $id = $const \* ( $id +$id) <

($id+$const) < ( $const) }";