<prog> → program <identifier> ; var <dec-list> begin <stat-list> end.

<identifier> → <id>{<id>|<digit>}

<dec-list> → <dec>:<type>;

<dec> → <identifier>,<dec> | <identifier>

<type> → integer

<stat-list> → <stat> | <stat><stat-list>

<stat> → <write> | <assign>

<write> → write(<str><identifier>);

<str> → “what ever”, | λ

<assign> → <identifier>=<expr>;

<expr> → <term> | <term> + <expr> | <term> - <expr>

<term> → <term>\*<factor> | <term>/<factor> | <factor>

<factor> → <identifier> | <number> | (<expr>)

<number> → <sign><digit>{<digit>}

<sign> → + | - | λ

<digit> → 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

<id> → a | b | c | d