PO syntax diagramme

program_begin:

→ (IDENT) → (LEFT_BRACKET_ROUND) → (program_var_in)

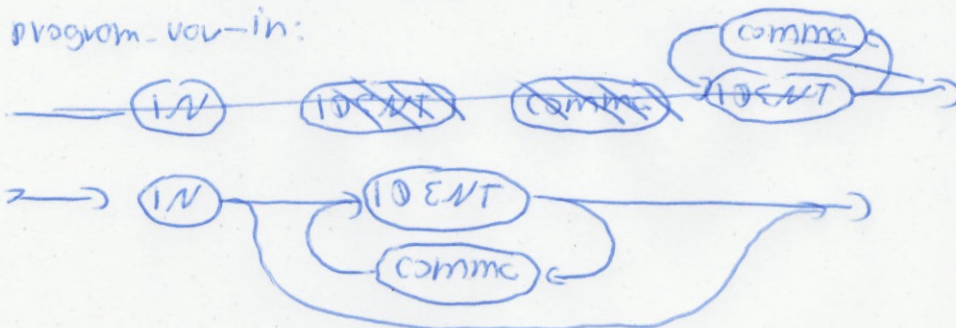↳ (SEMICOLON) → (program_var_out) → (RIGHT_BRACKET_ROUND)

↳ (SEMICOLON) → (program_var) → (sequence) →

program_var:

→ (VAR) → (LEFT_BRACKET_ROUND) → (program_var_help)

(RIGHT_BRACKET_ROUND) → (SEMICOLON) →

program_var_help:

→ (IDENT) → (COLON) → (IDENT) →
with loop (comma)

program_var_in:

→ (IN) → (IDENT) → (comma) → (IDENT) →
with loop (comma)

→ (IN) → (IDENT) →
with loop (comma)

program_var_out:

→ (out) → (IDENT) →
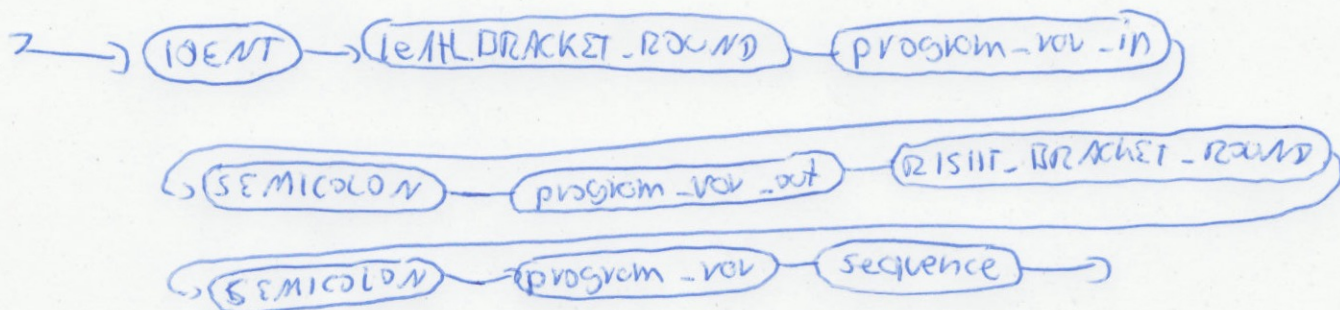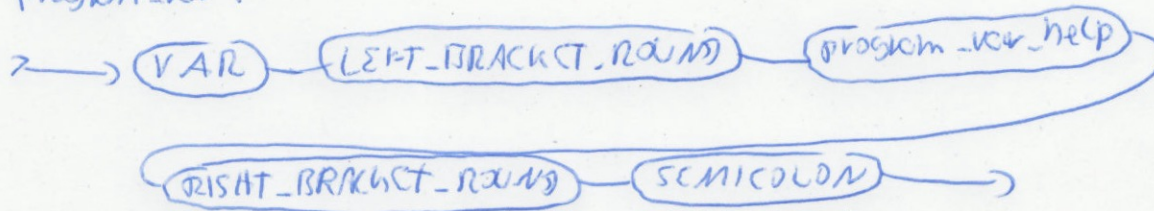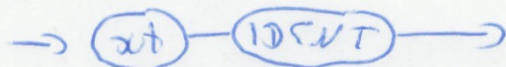
sequence:
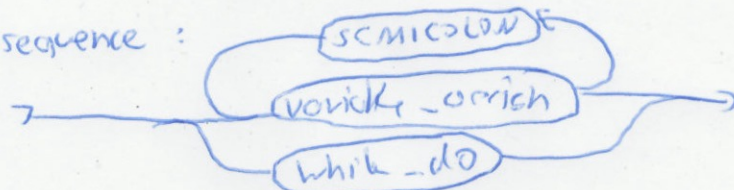
→ (SEMICOLON) / (variable_assign) / (while_do) →

variable_assign:

→ (IDENT) → (EQUALS_ASSIGN) → (ZERO) →

↳ (IDENT) → (PLUS) → (ONE) →

while_do:

→ (while) → (IDENT) → (NOTEQUALS) → (IDENT) → (do) → (begin) → (SEQUENCE)

→ (end) →