

# GRAMMAIRE

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PROGRAMME  $\rightarrow$  INSTRUCTION *EOF*

DECLARATIONS  $\rightarrow$  *Var* *identificateur* INITIALISATION ; INSTRUCTION

INITIALISATION  $\rightarrow$  = EXPRESSION |  $\epsilon$

INSTRUCTION  $\rightarrow$  *Avance* EXPRESSION | *Tourne* EXPRESSION | *Epaisseur* EXPRESSION | *Couleur* *identificateur* |  
*Taille* EXPRESSION EXPRESSION | *BasPinceau* | *HautPinceau* | *identificateur* = EXPRESSION |  
*Go* EXPRESSION EXPRESSION | DECLARATIONS | *Debut* BLOCINSTRUCTION *Fin* |  
*For* EXPRESSION *Faire* ACCOLADE |  
*Si* EXPRESSION *Alors* ACCOLADE CONDITION |  
*Faire* ACCOLADE *Tant que* EXPRESSION |  
*Tant que* EXPRESSION *Faire* ACCOLADE |  $\epsilon$

BLOCINSTRUCTION  $\rightarrow$  INSTRUCTION ; BLOCINSTRUCTION |  $\epsilon$

CONDITION  $\rightarrow$  *Si* ACCOLADE | *Si* *si* EXPRESSION *Alors* ACCOLADE CONDITION |  $\epsilon$

ACCOLADE  $\rightarrow$  { INSTRUCTION } | INSTRUCTION

EXPRESSION  $\rightarrow$  *nombre* EXPRESSIONSUITE | *identificateur* EXPRESSIONSUITE | ( EXPRESSION ) EXPRESSIONSUITE

EXPRESSIONSUITE  $\rightarrow$  + EXPRESSION | - EXPRESSION | \* EXPRESSION | / EXPRESSION |  $\epsilon$

*// commentaire*

*/\*commentaire\*/*

*identificateur*  $\rightarrow$  [a-zA-Z][a-zA-Z0-9]\*

*nombre*  $\rightarrow$  [1-9][0-9]\* | 0