

	GUI SETS
P ->A	ID, print, read, case, while, {
A ->S A'	ID, print, read, case, while, {
A' ->; S A'	;
A' -> $\epsilon$	EOF, }
S ->ID := E	ID
S ->print ( E )	print
S ->read ( ID )	read
S ->case W else S	case
S ->while ( B ) S	while
S ->{ A }	{
W ->C W'	when
W' ->C W'	when
W' -> $\epsilon$	else
C ->when ( B ) S	when
B ->E RELOP E	(, NUM, ID
E ->T E'	(, NUM, ID
E' ->+ T E'	+
E' ->- T E'	-
E' -> $\epsilon$	;, EOF, ), RELOP, when, else, }
T ->F T'	(, NUM, ID
T' ->* F T'	*
T' ->/ F T'	/
T' -> $\epsilon$	+, -, ;, EOF, ), RELOP, when, else, }
F ->( E )	(
F ->NUM	NUM
F ->ID	ID