First and Follow sets for TruPL v2.0

α	First(α)	Follow(α)
program	*program*	
identifier	identifier	
;	;	
:	:	
,	,	
int	*int*	
bool	*bool*	
begin	*begin*	
end	*end*	
procedure	*procedure*	
(	(	
)	)	
:=	:=	
if	*if*	
then	*then*	
else	*else*	
while	*while*	
loop	*loop*	
print	*print*	
relop	*relop*	
addop	addop	
mulop	mulop	
num	num	
not	*not*	
PROGRAM	*program*	<eof>
DECL_LIST	λ, *procedure*, identifier	*begin*
VARIABLE_DECL_LIST	λ, identifier	*procedure*, *begin*
VARIABLE_DECL	identifier	;

PROCEDURE_DECL_LIST	λ, *procedure*	*begin*
IDENTIFIER_LIST	*identifier*	:
IDENTIFIER_LIST_PRIME	λ, ,	:
STANDARD_TYPE	*int*, *bool*	;,)
BLOCK	*begin*	;, *else*
PROCEDURE_DECL	*procedure*	;
PROCEDURE_ARGS	λ, *identifier*	)
FORMAL_PARM_LIST	*identifier*	)
FORMAL_PARM_LIST_HAT	λ, ;	)
STMT_LIST	;, identifier, *if*, *while*, *print*	*end*
STMT_LIST_PRM	λ, identifier, *if*, *while*, *print*	*end*
STMT	identifer, *if*, *while*, *print*	;
IF_STMT	*if*	;
IF_STMT_HAT	λ, *else*	;
WHILE_STMT	*while*	;
PRINT_STMT	*print*	;
AD_HOC_AS_PC_TAIL	:=, (	;
EXPR_LIST	λ, identifier, num, (, *not*, +, -	)
ACTUAL_PARM_LIST	identifier, num, (, +, -, *not*	)
ACTUAL_PARM_LIST_HAT	λ, ,	)
EXPR	identifier, num, (, +, -, *not*	;, *then*, *loop*, ,,)
EXPR_HAT	λ, relop	;, *then*, *loop*, ,,)
SIMPLE_EXPR	identifier, num, (, +, -, *not*	relop, ;, *then*, *loop*, ,,)
SIMPLE_EXPR_PRM	λ, addop	relop, ;, *then*, *loop*, ,,)
TERM	identifier, num, (, +, -, not	addop, relop, ;, *then*, *loop*, ,,)
TERM_PRM	λ, mulop	addop, relop, ;, *then*, *loop*, ,,)
FACTOR	identifier, num, (, +, -, *not*	mulop, addop, relop, ;, *then*, *loop*, ,,)
SIGN	+, -, not	identifier, num, (, +, -, *not*