## First and Follow sets for TruPL v1.2 $\,$

α	$\operatorname{First}(\alpha)$	$Follow(\alpha)$
program	program	
identifier	identifier	
;	;	
:	:	
,	,	
int	int	
bool	bool	
begin	begin	
end	end	
procedure	procedure	
(	(	
)	)	
:=	:=	
$\underline{\hspace{2cm}}$ 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></eof>
DECL_LIST	$\lambda, \mathit{procedure}, \mathtt{identifier}$	begin
VARIABLE_DECL_LIST	$\lambda,$ identifier	procedure, begin
VARIABLE_DECL	identifier	;

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