```
START → FUNC FUNCS
FUNCS → FUNC FUNCS | &
EXP → T_ID = EXP1; | FOR EXP | DEF EXP | IF EXP | PRINT EXP | T_RETURN EXP1; EXP |
T BREAK; EXP | T CONTINUE; EXP | T COMMENT | EXP | E
DEF → TYPE VAR ARRAY; | TYPE VAR =
TYPE → T INT | T CHAR | T BOOL
VAR \rightarrow T_ID \mid T_ID = EXP1
ARRAY → [T_DECIMAL] | [T_HEXADECIMAL] | [T_ID] | &
FUNC → TYPE T_ID (PARAMS) {EXP}
PARAMS → PARAM MORE PARAMS | &
PARAM → T INT T ID | T CHAR T ID | T BOOL T ID
MORE_PARAMS → ,PARAM PARAMS | &
FOR \rightarrow T FOR (DEF FOR) \{EXP\}
DEF FOR → TYPE VAR; RELEXP;EXP1
EXP1 → OPERAND + EXP1 | OPERAND - EXP1 | TERM
TERM → OPERAND * TERM | OPERAND / TERM | OPERAND
OPERAND → T_ID CALL_FUNC | T_DEC | T_HEX | T_STRING | T_TRUE | T_FALSE |
(EXP1) | T_CHARACTER | T_STRING
CALL FUNC → (CALL PARAMS); | &
CALL_PARAMS → CALL_PARAM | CALL_MORE_PARAMS
CALL_PARAM → OPERAND
CALL MORE PARAMS → ,CALL PARAM CALL MORE PARAMS | €
```

IF \rightarrow T IF(RELEXP) { EXP } ELSE

 $\mathsf{RELEXP} \to \mathsf{EXP1} \; \mathsf{RELOP} \; \mathsf{RELEXP} \; | \; \mathsf{EXP1} \; \mathsf{RELOP} \; \mathsf{T_TRUE} \; | \; \mathsf{EXP1} \; \mathsf{RELOP} \; \mathsf{T_FALSE} \; | \; \mathsf{EXP1} \; | \; \mathsf{$

 $\mathsf{RELOP} \to \&\& \mid \mid\mid \mid != \mid ==$

ELSE \rightarrow T_ELSE { EXP } | ϵ

 $PRINT \rightarrow T_PRINT (T_STRING , PARAMS_PRINT);$

 $PARAMS_PRINT \rightarrow EXP1$, $PARAMS_PRINT | EXP1$