**Program Declaration | Loop | ConditionStmt | Assign | Print | Func\_Return** *return*  **| Exp |** *SEMICOLON*

**Declaration** *DATATYPE ID* **FunDeclaration | VarDeclaration**

**FunDeclaration** *(* **Params** *) {* **Program** *}*

**VarDeclaration** *ASSIGNOP*

**Exp |** *ID**(* **Params** *)*

**|** [ NUM ]

*SEMICOLON*

**Params** *DATATYPE ID*  **|** *COMMA* **Params**

**Exp Exp**

*MATHOP* **|** *BITSOP*

**|** *ID* **|** *NUM*