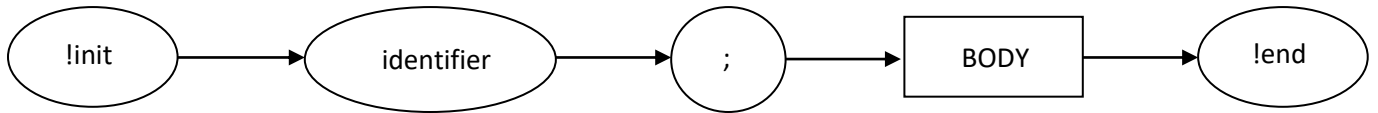


Language components

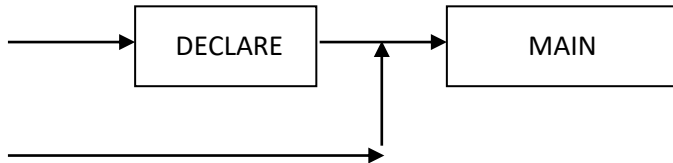
1. **Identifiers.** They are a sequence of digits and letters (A-Z). They must begin with the "\$" symbol, they cannot have blank spaces, or any other character other than numbers, letters and the "\$" symbol.
2. **Integers.** Sequence of integers.
3. **Decimals.** Sequence of numbers separated by the character ".", must not have more than one "."
4. **Strings.** Sequence of characters grouped between single quotes, for example:
5. 'Hello World'.
6. **Comments.** Sequence of characters grouped into delimiters /* */.
7. **Special words.** `jinit`, `end!`, `array`, `then`, `var`, `endif`, `integer`, `repeat`, `else`, `until`, `string`, `for`, `write`, `do`, `if`, `char`, `while`, `bool`, `read`, `true`, `false`, `of`, `decimal`, `program`.
8. **Operators.**
 - **Assignment** :=
 - **Relationals** `>`, `<`, `>=`, `<=`, `!=`, `==`
 - **Arithmetic.** `+`, `-`, `*`, `/`
 - **Logic.** `||`, `&&`, `!`
9. **Delimiters.** `{`, `}`, `(`, `)`, `[`, `]`, `;`, `:`

Sintaxis Diagrams

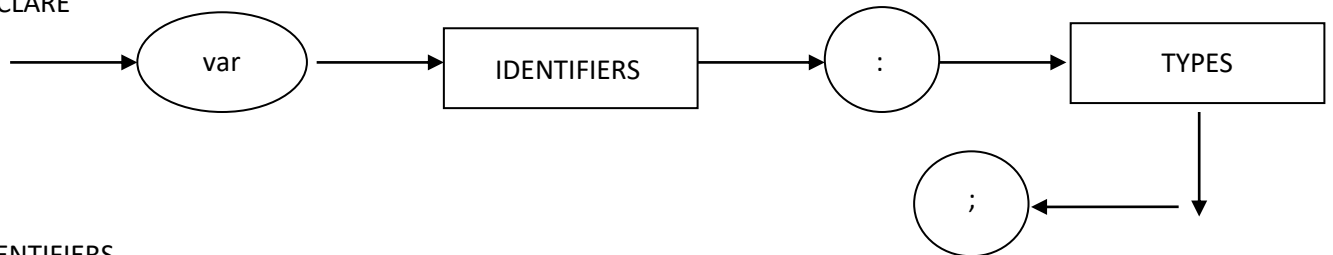
PROGRAM



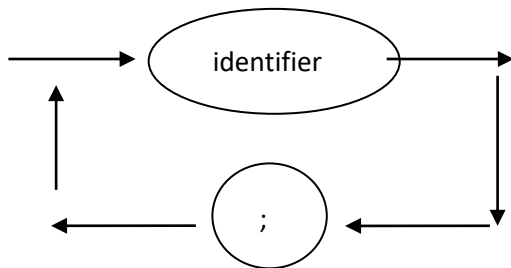
BODY



DECLARE



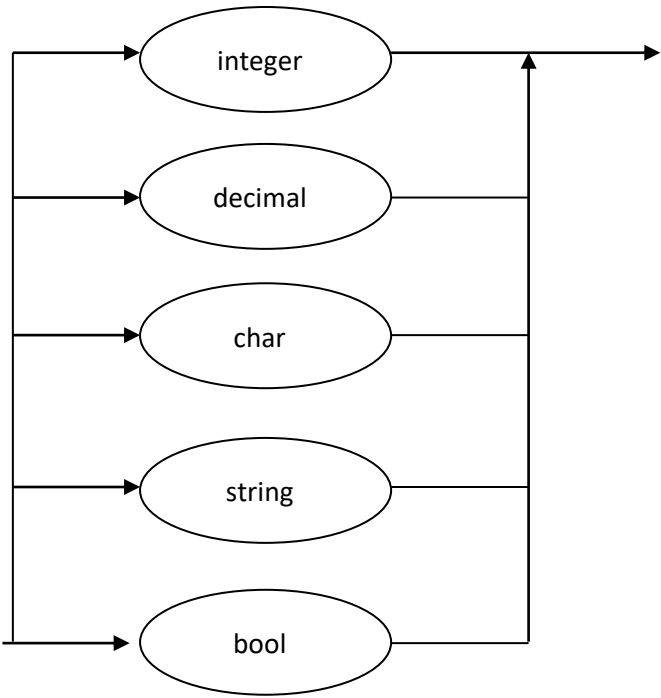
IDENTIFIERS



TYPES



DEFAULT



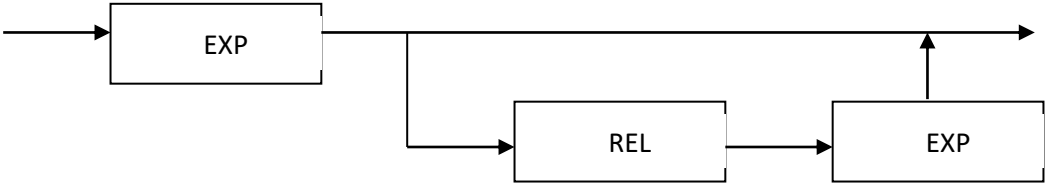
MAIN



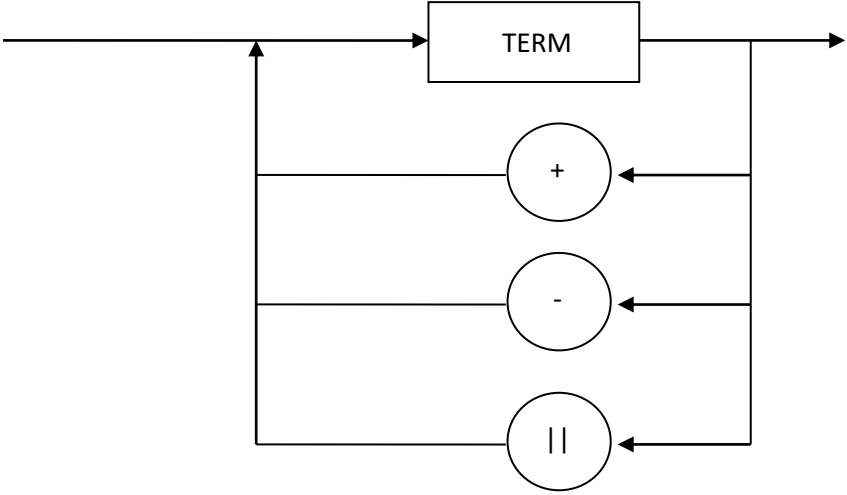
STATEMENT



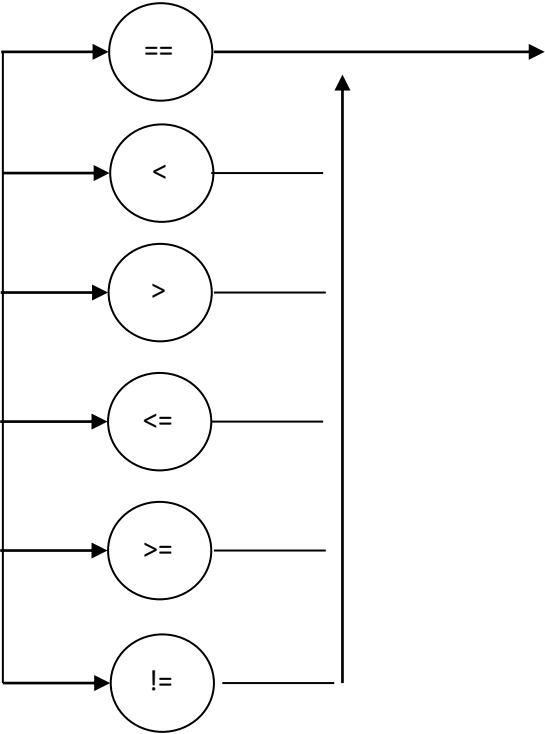
EXPRESION



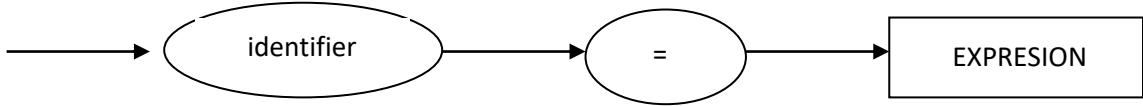
EXP



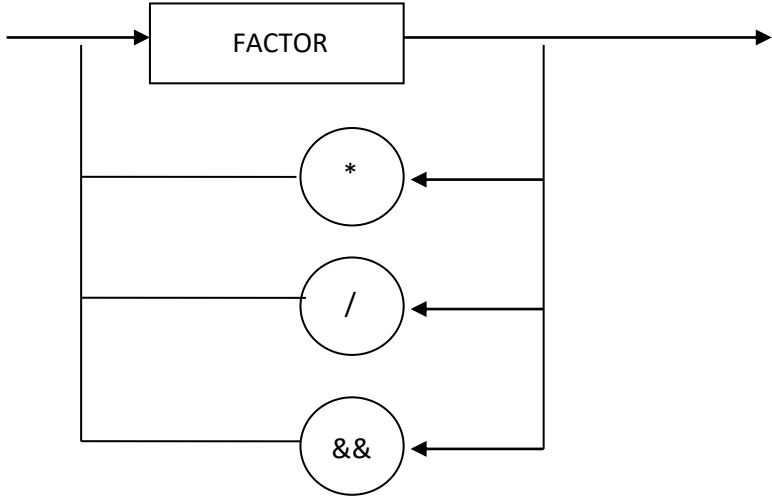
REL



ASIGN



TERM



FACTOR

