

Lexical Rules

1] Keywords

- ① loop
- ② check
- ③ else
- ④ choose
- ⑤ default
- ⑥ plot
- ⑦ ask
- ⑧ in

12] Operators

- | | |
|------|------|
| ① + | ⑨ < |
| ② - | ⑩ > |
| ③ * | ⑪ <= |
| ④ / | ⑫ >= |
| ⑤ % | ⑬ → |
| ⑥ ~ | |
| ⑦ == | |
| ⑧ != | |

13] Separators

- ① (
- ②)
- ③ {
- ④ }
- ⑤ :
- ⑥ ..

14] Comments

lines starting with 'note>' are treated as comments and ignored by parser

15] Identifiers

Alphanumeric strings starting with a letter

16] Literals

Integers $[0-9]^+$ and double quoted strings $"[\text{ }]^*"$.