

Regular Expressions

1: Digit: `^[0-9]$`

2: Letter: `^[a-zA-Z]$`

3: Number: `^[0-9]+(\.[0-9]+)?$`

4: Special Characters: `^[!@;:#$%^&*()\[\]\{\}\|\~]$`

5: String: `^[a-zA-Z0-9!""#$%&'()*+,-./:;<=>?@[\\]^_`{|}~]+$`

6: Reserved

Keywords: `(int|float|string|read|write|repeat|until|if|elseif|else|then|return|endl)$`

7: Identifiers: `^[a-zA-Z]([a-zA-Z0-9])*$`

8: `1_line_` Comment: `@"/^[^r\n]*$`

9: `multiLineComment`: `@"/*[a-zA-Z0-9!""#$%&'()*+,-./:;<=>?@[\\]^_`{|}~\r\n\t\slf\v]*/$`

10: Arithmetic Operators: `^(\+|-|*|/)$`

11: Assignment Operator: `^:=`

12: Condition operators: `^(<|>|=|<>)$`

13: Boolean operators: `^(&&|\|\|)$`