Alphabet:

- upper (A-Z) and lower case letters (a-z) of the English alphabet
- decimal digits (0-9)
- a. Special symbols:

```
- operators: + - * / = == != ! > < >= <= % ++ -- ^
```

- separators: () [] { }; :
- res. words: if else while number string let const read print true false for

b. Identifiers:

- a sequence of letters and digits, such that the first character is a letter

```
<id><id>:: = <letter> | <letter><seq_let_digit>

<seq_let_digit> :: = <letter><seq_let_digit> | <digit><seq_let_digit>
<letter> :: = a | b | ... | z | A | B | ... | Z
<digit> :: = 0 | 1 | ... | 9
<nozero_digit> :: = 1 | ... | 9
```

c. Constants:

1. number

```
<number> :: = 0 | (-|+) <poz_number>
<all_digits> :: = <digit> | <digit><all_digits> // 0122, 4201, 0
<poz_number> :: = <nozero_digit> | <nozero_digit><all_digits>
```

2. string

```
<string> :: = ' <letter> | <digit> | <letter> <string> | <digit><string> '
```

3. bool - <bool> :: = true | false