

TEAM ID: G3_36

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|-------------|----|---------------------|
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Regular Expression

1- Number:

`(+|-)? [0-9]+ (\. [0-9]+)?`

2- String:

`"([A-Z] | [a-z] | [0-9] | Arithmetic | Boolean | condition
| Brackets)* "`

3- Reserved words:

`int|float|string|read|write|repeat|until|if|elseif|else|
then|return|endl|end|main`

4-Identifiers:

`([A-Z] | [a-z]) [a-zA-Z0-9]*`

5- Condition_Operator:

`Condition_Operator := < | > | = | <>`

6- Boolean_Operator:

`Boolean_Operator := (&&) | (||)`

7- Assignment_statement:

`Assignment_statement := (:=)`

8- Brackets:

`brackets := { | } | (|)`

9- Arithmetic:

`arithmetic := + | - | / | *`
