

Syntax Rules For Own Language

Variables:

- **Data Types**

- Integer as 'number'
- Character as 'alphabet'
- String as 'sentence'
- Float as 'point'
- Double as 'double'
- Single as 'single'

- **Syntax**

(number+alphabet+sentence+point+double+single) space+
(small+capital)(small+capital+number+_) * space* ;

Conditions:

- **Words**

- ✓ If as 'correct'
- ✓ Else as 'incorrect'
- ✓ Condition Brackets as '<>'

- **Syntax**

(correct)space* < (variable+number) operator

(variable+number)[(| |+&&)(variable+number) operator (variable+number)] *> {}

Incorrect {}

Loops:

- **Words**

- ✓ For as 'repeat'
- ✓ Loop brackets as '<>'

- **Syntax**

Repeat < ^ +variableInitialization+VariableDeclarationInitialization ; ^ +

(variable+number) operator (variable+number) ; (^ + (variable) (+++--) (variable (++-) =
number) + (variable = variable (++-) number) > {}

Input:

- **Words**

- ✓ Cin as 'input'
- ✓ Brackets as '<<'

- **Syntax**

Input [<< (small+capital+_) (small+capital+number+_)*] ;

Output:

- **Words**

- ✓ Cin as 'output'
- ✓ Brackets as '>>'

- **Syntax**

output [>> " (small+capital+number+special)*" + (>>
"(small+capital+number+special)"*] ;