# "Undefined Language"

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# Undefined Language

Undefined is a general purpose systems language that uses the idea
of having simple, easy to remember keywords and syntax to be
developer friendly. It is a statically typed language that has a single
keyword for data types, functions and operators that basically
perform the same action but have many syntaxes.

• Lexical Unit

	- :: F+
Tokens	Regex
main	globlPrnt
loop	untilSatisfied
bool	isValid
input	store
output	console
if	check
else	ifNot
elseif	checkAgain
return	out
import	in
true	Yes
false	No
comment	#([^\\\" \\.])*\#\

number	[0-9]
charStr	\" <b>(</b> [^\\\" \ <b>\.])*</b> \"
arithmetic operator	(- \+ \* \/ \%)
relational operator	(== \< \> \>= \<= \!=)
unary operator	((\+ - \* \\ \^)(\+ \-))
assignment	\=
letter	[a-zA-Z]
identifier	{letter}+
terminator	\;
other	[0-9][_a-zA-Z]*

### **Grammer Rules**

#### undefined:

MAIN undefined | LOOP undefined | BOOL undefined | INPUT undefined | OUTPUT undefined | IF undefined | ELSE undefined | ELSEIF undefined | IMPORT undefined | RETURN undefined | YES undefined | NO undefined | NUM undefined | STRING undefined | OPERATOR\_A undefined | OPERATOR\_R undefined | OPERATOR\_E undefined | IDENTIFIER undefined | TERMINATOR undefined | COMMENT undefined | OPEN\_BR undefined | OPEN\_PR undefined | CLOSE\_BR undefined | CLOSE\_PR undefined | HEADER\_FILE | OTHER | MAIN | LOOP | BOOL | INPUT | OUTPUT | IF | ELSE | ELSEIF | IMPORT | RETURN | YES | NO | NUM | STRING | OPERATOR\_A | OPERATOR\_R | OPERATOR\_U | OPERATOR\_E | IDENTIFIER | TERMINATOR | COMMENT | OPEN\_BR | OPEN\_PR | CLOSE\_BR | CLOSE\_PR | HEADER\_FILE | OTHER

## Demo