Linguagem Javazim - Corrigida

Programa	→ Classe $ 1
Classe	→ "public" "class" ID "{" ListaMetodo Main "}" 2
DeclaracaoVar	→ Tipo ID ";" 3
ListaMetodo	→ ListaMetodo' 4
ListaMetodo'	→ Metodo ListaMetodo' 5 | ε 6
Metodo	→ Tipo ID "(" RegexListaParam ")" "{" RegexDeclaraVar ListaCmd Retorno "}" 7
RegexListaParam	→ ListaParam 8 | ε 9
RegexDeclaraVar	→ DeclaracaoVar RegexDeclaraVar 10 | ε 11
ListaParam	→ Param ListaParam' 12
ListaParam'	→ ", " ListaParam 13 | ε 14
Param	→ Tipo ID 15
Retorno	→ "return" Expressao";" 16 | ε 17
Main	→ "public" "static" "void" "main" "(" ")" "{" RegexDeclaraVar ListaCmd "}" 18
Tipo	→ "boolean" 19 | "int" 20 | "string" 21 | "float" 22 | "void" 23
ListaCmd	→ ListaCmd' 24
ListaCmd'	→ Cmd ListaCmd' 25 | ε 26
Cmd	→ CmdIF 27 | CmdWhile 28 | CmdPrint 29 | CmdPrintln 30 | ID Cmd' 31
Cmd'	→ CmdAtrib 32 | CmdMetodo 33
CmdIF	→ "if" "(" Expressao ")" "{" Cmd "}" CmdIF' 34
CmdIF'	→ "else" "{" Cmd "}" 35 | ε 36
CmdWhile	→ "while" "(" Expressao ")" "{" Cmd "}" 37
CmdPrint	→ "print" "(" Expressao ")" ";" 38
CmdPrintln	→ "println" "(" Expressao ")" ";" 39
CmdAtrib	→ "=" Expressao ";" 40
CmdMetodo	→ "(" RegexExp4 ")" ";" 41
Expressao	→ Exp1 Exp' 42
Exp'	→ "&&" Exp1 Exp' 43 | "||" Exp1 Exp' 44 | ε 45
Exp1	→ Exp2 Exp1' 46
Exp1'	→ "<" Exp2 Exp1' 47 | "<=" Exp2 Exp1' 48 | ">" Exp2 Exp1' 49
	| ">=" Exp2 Exp1' 50 | "==" Exp2 Exp1' 51 | "!=" Exp2 Exp1' 52 | ε 53
Exp2	→ Exp3 Exp2' 54
Exp2'	→ + Exp3 Exp2' 55 | - Exp3 Exp2' 56 | ε 57
Exp3	→ Exp4 Exp3' 58
Exp3'	→ * Exp4 Exp3' 59 | / Exp4 Exp3' 60 | ε 61
Exp4	→ ID Exp4' 62 | ConstInteira 63 | ConstReal 64 | ConstString 65
	| "true" 66 | "false" 67 | OpUnario Expressao 68 | "(" Expressao")" 69
Exp4'	→ "(" RegexExp4 ")" 70 | ε 71
RegexExp4	→ Expressao RegexExp4' 72 | ε 73
RegexExp4'	→ "," Expressao RegexExp4' 74 | ε 75
OpUnario	→ "-" 76 | "!" 77

Cálculo do FIRST e FOLLOW

	FRIST	**FOLLOW**
Programa	public	$
Classe	public	$
DeclaracaoVar	boolean, int, string, float, void	boolean, int, string, float, void, if, while, print, println, ID, return, }
ListaMetodo	ε, boolean, int, string, float, void	public
ListaMetodo'	ε, boolean, int, string, float, void	public
Metodo	boolean, int, string, float, void	if, while, print, println, ID, public
RegexListaParam	ε, boolean, int, string, float, void	)
RegexDeclaraVar	ε, boolean, int, string, float, void	if, while, print, println, ID, return, }
ListaParam	boolean, int, string, float, void	)
ListaParam'	ε, ","	)
Param	boolean, int, string, float, void	",",)
Retorno	ε, return	}
Main	public	}
Tipo	boolean, int, string, float, void	ID
ListaCmd	ε, if, while, print, println, ID	return, }
ListaCmd'	ε, if, while, print, println, ID	return, }
Cmd	if, while, print, println, ID	if, while, print, println, ID, return, }
Cmd'	"=", (	if, while, print, println, ID, return, }
CmdIF	if	if, while, print, println, ID, return, }
CmdIF '	else, ε	if, while, print, println, ID, return, }
CmdWhile	while	if, while, print, println, ID, return, }
CmdPrint	print	if, while, print, println, ID, return, }
CmdPrintln	println	if, while, print, println, ID, return, }
CmdAtrib	"="	if, while, print, println, ID, return, }
CmdMetodo	(	if, while, print, println, ID, return, }
Expressao	ID, ConstInteira, ConstReal, ConstString, true, false, "-" (negação), "!", (	";",), ","
Exp'	&&, ‖, ε	";",), ","
Exp1	ID, ConstInteira, ConstReal, ConstString, true, false, "-" (negação), "!", (	&&, ‖, ";",), ","
Exp1'	<, <=, >, >=, ==, !=, ε	&&, ‖, ";",), ","
Exp2	ID, ConstInteira, ConstReal, ConstString, true, false, "-" (negação), "!", (	<, <=, >, >=, ==, !=, &&, ‖, ";",), ","
Exp2'	+, -, ε	<, <=, >, >=, ==, !=, &&, ‖, ";",), ","
Exp3	ID, ConstInteira, ConstReal, ConstString, true, false, "-" (negação), "!", (	+, -, <, <=, >, >=, ==, !=, &&, ‖, ";",), ","
Exp3'	*, /, ε	+, -, <, <=, >, >=, ==, !=, &&, ‖, ";",), ","

Exp4	ID, ConstInteira, ConstReal, ConstString, true, false, "-" (negação), "!", (	*, /, +, -, <, <=, >, >=, ==, !=, &&, ||, ";",), ","
Exp4'	(, ε	*, /, +, -, <, <=, >, >=, ==, !=, &&, ||, ";",), ","
RegexExp4	ε, ID, ConstInteira, ConstReal, ConstString, true, false, "-" (negação), "!", (	)
RegexExp4'	",", ε	)
OpUnario	"-" (negação), "!"	ID, ConstInteira, ConstReal, ConstString, true, false, "-" (negação), "!", (