**Letter = [a-zA-Z]**

**Digit = [0-9]**

**Identifier = letter (letter | digit)\***

**Integer = digit+**

**Float = Integer . Integer**

**Boolean = true | false**

**Char = ‘ASCII Char‘**

**Literal = Integer | Boolean | Float | Char**

**Reserved = bool|else|float|int|true|char|false|lf|main|**

**while**

**AssignmentOP = =**

**EqualOp = ==**

**NotEqualOp = !=**

**RelationalOP = <|<=|>|>=**

**ArithmeticOp = +|-|\*|/|%**

**UnaryOp = - | !**

**BooleanOp = &&|||**

**Operator = EqualOp| NotEqualOp | RelationalOP| ArithmeticOp| UnaryOp|BooleanOp| AssignmentOP**

**RightBrace = }**

**LeftBrace = {**

**RightParenthese = )**

**LeftParenthese = (**

**RightBracket = ]**

**LeftBracket = [**

**Semicolon = ;**

**comma = ,**

**Note:**

**-Just feel free to add more tokens if you want to.**

**-string is not required**