## Function Syntax to be supported:

1. When there is a function call inside a function, then there is more opportunity for the Smart Syntax and Scan from String syntax to fail as the redundant functions will not be detected
2. For the functions like the assignment statement, where all the characters should be taken if it is a string. %s will not work for the spaces. So, %[a-zA-Z0-9 +=\_/":.,<\*>'?;{}|()&^$#@!`~-] is used. But the limitation is that it will not detect the following characters: %\

Reference: <https://www.tutorialspoint.com/python/python_basic_operators.htm>

## LSL functions that are not in python:

1. i++ & i-- : Increment and decrement operator is not in python
2. Group of Arithmetic operations doesn’t work based on the BDMAS principal. It simply uses the brackets and if there is no brackets it does the manipulation from right to left
3. Xor is not part of the Boolean operations
4. “,” operations are disabled for now
5. Numeric representation is not handled. Everything is a double. This makes the numeric ‘Ones complement’ and logical shift not work properly
6. Operands cannot be of different data type for certain cases. For example: During comparative operation, you cannot do a (1 == True) check
7. Whole of ‘String’ operations has to be revisited. The way string operations are defined is not correct - <https://www.tutorialspoint.com/python/python_strings.htm>
8. ‘Array functions should be signed off
   1. Array constant will be replaced during the compilation 🡪 similar to functions, array has also be replaced for better compilation time searching
   2. Array constant brackets has to be verified
9. If elif else… jumping for if cases doesn’t work, but if alone works