Lexic.txt

Alphabet: all letters of the English alphabet (A-Z, a-z), digits and the
underscore

Operators:
+
-
*
/
%
=
<
>
<=
>=
+=
-=
++ (instead of x += 1)
-- (same as above)
** (power operator)

Separators:
space
; -> after each statement
[] -> for indexing
{} -> for scope blocks

Reserved words:
defvar -> for defining a variable
deflist -> for defining a list/array
if, else, else if   -> for conditionals
and
or
not
loop   -> for a "while" type of loop
input, print

Identifiers:
letter = "a" | ... | "z" | "A" | ... | "Z"
digit = "0" | "1" | ... | "9"
nonzerodigit = "1" | "2" | ... | "9"
identifier = letter | letter {(letter | digit)}
sign = "+" | "-"

Types:
int = [sign] nonzerodigit {digit}
char = "'" (letter | digit) "'"
str = """ {(letter|digit)} """
bool = "true" | "false"
double = [sign] ("0" | nonzerodigit {digit}) "." {digit}