

Grammar

$\langle \text{Term} \rangle ::= \langle \text{Term}' \rangle \mid \langle \text{Application} \rangle$
 $\langle \text{Application} \rangle ::= \langle \text{Term}' \rangle \langle \text{Spaces} \rangle \langle \text{Term} \rangle$
 $\langle \text{Term}' \rangle ::= \langle \text{Abstraction} \rangle \mid \langle \text{Var} \rangle \mid '(\langle \text{Term} \rangle)'$
 $\langle \text{Abstraction} \rangle ::= \lambda \langle \text{VarList} \rangle '. \langle \text{Term} \rangle$
 $\langle \text{VarList} \rangle ::= \langle \text{Var} \rangle \mid \langle \text{Var} \rangle \langle \text{Spaces} \rangle \langle \text{VarList} \rangle$
 $\langle \text{Var} \rangle ::= \text{a-z}, \{ \text{a-z} \mid \text{A-Z0-9} \mid _ \}$
 $\langle \text{Spaces} \rangle ::= ' ' \mid ' ' \langle \text{Spaces} \rangle$