CIIC 4030/ICOM 3046 Programming Languages
Assignment #4

In this assignment, you will continue providing semantics to assignment #3. Any program that obeys the lexical, context-free, and context-sensitive specifications in assignments 1 to 3 is also a sequence of valid Scala functions, with one exception. Scala requires every variable to have an initializer (e.g., var x: Int = 42;), but our new programming language prohibits such initializers.

Provide a set of functions in our news language to show it is true. If not, determine what the exception case is.