<program> ->stmts

<stmts> -> <stmt> <stmts> | є

<stmt> -> <decl> | <expr> | <ifcon> | <loops>

<decl> -> let id <X>

params-> id params| e

X->;| <params>:type = stmts

<type> -> int | float | char

<exp> -> id Y’

Y’ -> e|+exp |=exp |\*exp|-exp| relop exp| <boolop>exp|id exp

<boolop> -> && | || | !

<assign> -> = <simpleexpr> ;

<relop> < | <= | > | >= | = = | !=

<ifcon> -> if (<expr>) then  <stmts>

<loops> -> for (<exp> to  id  do) { <stmts> }

• ID = letter anything not a keyword