

| | | |
|--------------------|---|--|
| <i>program</i> | → | hello <i>statements</i> goodbye |
| <i>statements</i> | → | |
| <i>statements</i> | → | <i>statement</i> <i>statements</i> |
| <i>statement</i> | → | |
| <i>statement</i> | → | maybe <i>statement</i> |
| <i>statement</i> | → | do <i>command</i> |
| <i>statement</i> | → | [<i>statements</i>] |
| <i>statement</i> | → | <i>statement</i> if <i>expression</i> |
| <i>statement</i> | → | <i>statement</i> because <i>expression</i> |
| <i>statement</i> | → | until <i>expression</i> <i>statement</i> |
| <i>statement</i> | → | <i>expression</i> -> id |
| <i>statement</i> | → | define function < int > as <i>statement</i> |
| <i>statement</i> | → | return <i>expression</i> |
| <i>command</i> | → | builtin < <i>expressions</i> > |
| <i>command</i> | → | " function " < <i>expressions</i> > |
| <i>expressions</i> | → | |
| <i>expressions</i> | → | <i>expression</i> ; <i>expressions</i> |
| <i>expression</i> | → | string |
| <i>expression</i> | → | int |
| <i>expression</i> | → | float |
| <i>expression</i> | → | boolean |
| <i>expression</i> | → | { <i>expressions</i> } |
| <i>expression</i> | → | <i>expression</i> { <i>expression</i> } |
| <i>expression</i> | → | (<i>expression</i>) |
| <i>expression</i> | → | <i>expression</i> binop <i>expression</i> |
| <i>expression</i> | → | variable id |
| <i>expression</i> | → | <i>statement</i> |

1 Errors

E001: No greeting

E002: No valediction

E003: Unexpected token

E004: Random compiler error

E005: Unknown builtin

E006: Wrong number of arguments for builtin

E007: Unknown binop