

Statements

<statements>	→	<statement> { <statement> }
<statement>	→	<for-statement> <assign-statement> <print-statement>
<for-statement>	→	for (<assign-statement> ; <rel-expr> ; <assign-statement>) { <statements> }
<assign-statement>	→	<id> = <rel-expr>
<print-statement>	→	print <id>

Expressions

<rel-expr>	→	<rel-term> { (==, !=) <rel-term> }
<rel-term>	→	<rel-primary> { (>, >=, <, <=) <rel-primary> }
<rel-primary>	→	<arith-expr>
<arith-expr>	→	<arith-term> { <add-op> <arith-term> }
<arith-term>	→	<arith-primary> { <mult-op> <arith-primary> }
<arith-primary>	→	<arith-factor> (<rel-expr>)
<arith-factor>	→	<id> <decimal-number>
<id>	→	[_ a - z A - Z] [_ a - z A - Z 0 - 9] *
<decimal-number>	→	[0 - 9] +
<add-op>	→	+ -
<mult-op>	→	* / %