Table 1: Syntax of TassKaf

class	→	**class** classname **extends** classname **{**(vardec|methdec)***}**
classname	→	(LowercaseIdentifier (**.**))* UppercaseIdentifier
varname	→	LowercaseIdentifier
methame	→	LowercaseIdentifier
vardec	→	(**static**) lvardec
lvardec	→	varspec **=** expression **;**
varspec	→	type varname (**[]**)*
methdec	→	(**static**) type methname **(** (varspec(**,** varspec)*) **)**
		{ (lvardec)* statements **}**
type	→	classname | **int** | **void**
expression	→	expression op expression
		| **(**expression**)**
		| **-** expression
		| variable
		| constant
		| methcall
		| new
		| this
variable	→	(callee) varname ([expression])*
constant	→	(**0**|**1**|...|**9**)$^+$
callee	→	(classname|expression) **.**
methcall	→	(callee) methname **(** (expression (**,** expression)*) **)**
new	→	**new** classname**()**
		| **new** type ([expression])$^+$ ([])*
statements	→	statement*
statement	→	stmt1 **;**
		| stmt2
stmt1	→	variable **=** expression
		| **do** **{** statements **}** **while** **(**expression **)**
		| **break**
		| methcall
		| **return** (expression)
stmt2	→	**if** **(**expression**)** **{** statements **}**
		| **if** **(**expression**)** **{** statements **}** **else** **{** statements **}**
		| **while** **(**expression**)** **{** statements **}**
		| **for** **(**(stmt1|stmt2) **;** expression **;** (stmt1|stmt2) **)** **{** statements **}**
		| **switch** **(**expression**)**
		{ (**case** constant **:** statements)* (**default** **:** statements) **}**
op	→	**+**|**-**|*****|**/**|**==**|**!=**|**<=**|...